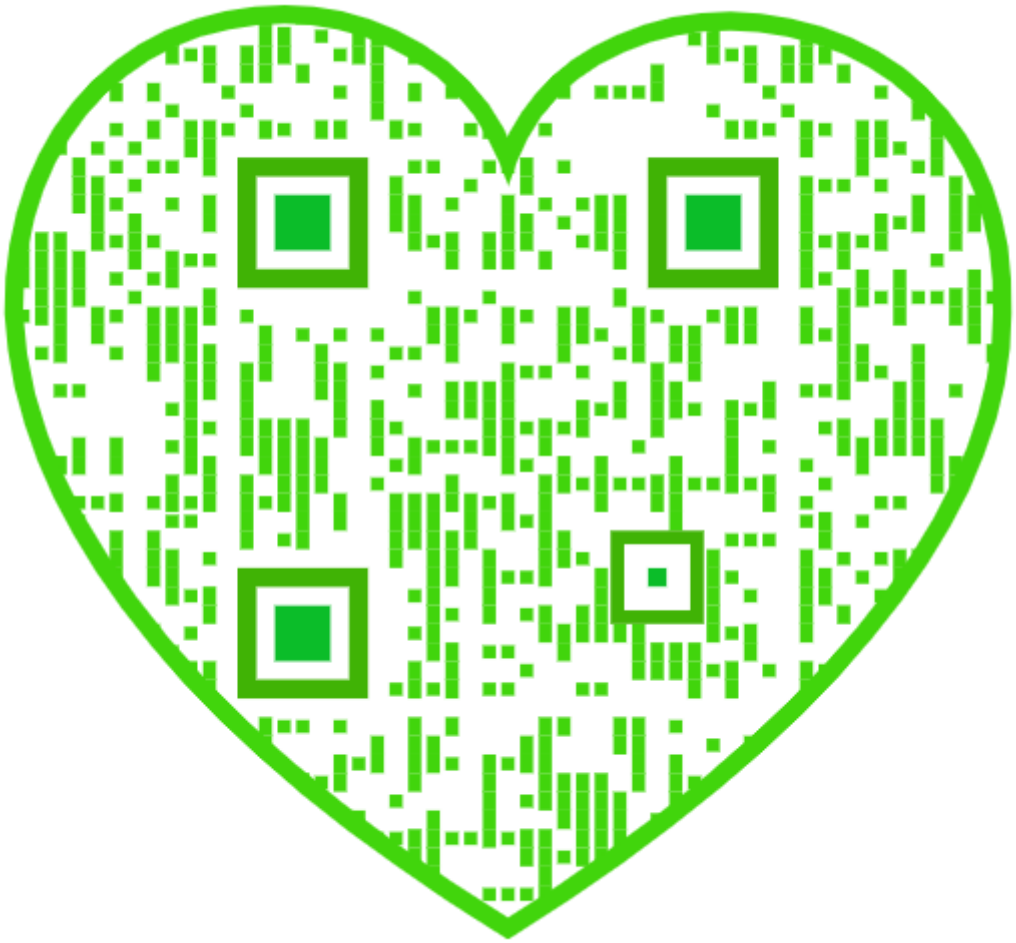

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KNITTING AND SEWING

How to Make Seventy Useful Articles for Men in the Army and Navy

BY

MAUD CHURCHILL NICOLL

NEW YORK
GEORGE H. DORAN COMPANY

Copyright, 1918
By George H. Doran Company

INTRODUCTION

THIS little book was composed under unusual conditions.

My wife, whose book this is, was one of those Americans who, from the outbreak of the War in Europe, was passionately attached to the cause of the Allies, and religiously believed, after the invasion of Belgium and Northern France, that it was the duty of our country, without delay or attempts at neutrality, to come to their support.

In December, 1914, she began a course in nursing at the Y. W. C. A., and by April of 1915 had completed her course and received her diploma.

In July, 1915, she went abroad for service in England, but had hardly begun when she was run down by an automobile and barely escaped with her life.

Ever since then she has lived in London, necessarily spending a large part of her time in bed, and after two and one-half years of treatment is still unable to walk, except a little with crutches.

During her long convalescence she devoted herself to knitting and sewing for the soldiers and sailors. Many of her friends among them were constantly coming and going, and from them she learned at first hand just what their needs were, and in what articles they found the most comfort.

She then decided to put the result of her experience in a book, in the hope that it might be useful to others who were knitting and sewing, or willing to knit and sew, for the cause, feeling that in that way she could make her largest contribution to the comfort and welfare of the boys at the front.

It is interesting to note that the book was written at her home in London, situated near the Anti-Aircraft Battery in Hyde Park, during the period of the Zeppelin and Gotha raids, some twenty-five in number, from which the author escaped without injury of any kind.

All profits from the sale of the book accruing to either author or publisher are dedicated to the American Red Cross.

DELANCEY NICOLL.

PUBLISHER'S NOTE

THIS book, written by an American in England, specifies the use of certain English yarns.

Because of restriction of importation, some of these English yarns are not obtainable in the United States.

Purchasers are advised that American merchants and retailers are prepared to offer satisfactory substitutes for standard English yarns.

The following suggestions will enable purchasers to determine the equivalent American wools for the English yarns mentioned throughout the instructions in the pages of this book:

4-fold Germantown for 4-ply petticoat wool

4-fold Germantown or Lady Betty for 4-ply fleecy wool

A soft heavy quality of knitting or Scotch yarn for 4-ply double knitting

Llama wool for 3-thread Thibet Llama

Llama wool used double for 6-thread Thibet Llama

A coarse, wiry knitting yarn for 3- or 4-ply wheeling

Coarse, shaggy knitting yarn for 3-ply Fisherman's yarn

Scotch yarn exceedingly soft in texture for 5- or 6-ply fingering

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ILLUSTRATED WOOLS

No. 1. 3-ply RABBIT WOOL.
Natural colour

No. 2. J. & J. Baldwin's
3-ply FISHERMAN'S YARN.
Sea blue

No. 3. Paton's 3-ply WHEELING.
Khaki colour

No. 4. Paton's 3-ply WHEELING.
Navy blue

No. 5. 4-ply SUPER-PETTICOAT WOOL.
White

No. 6. 4-ply JAEGER ANGORA WOOL.
Natural colour

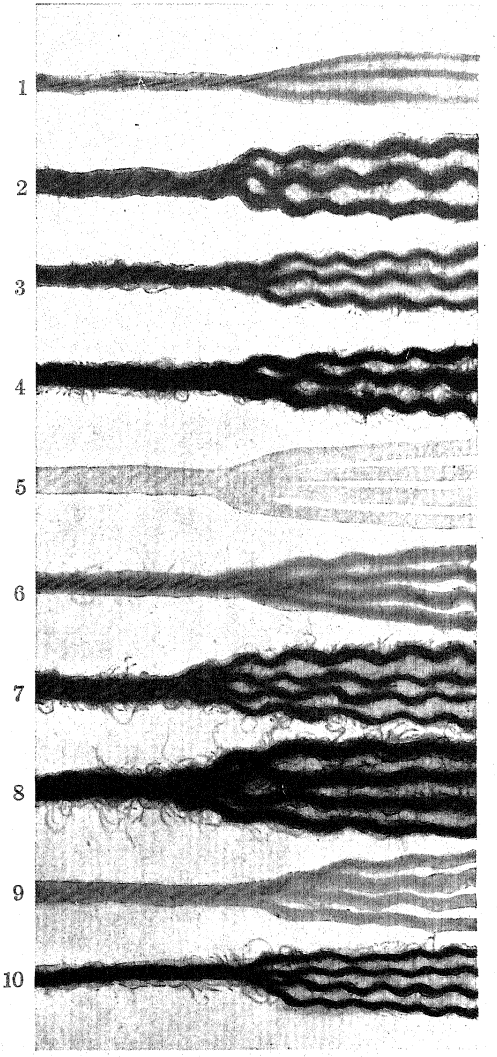
No. 7. Paton's 4-ply WHEELING.
Dark grey

No. 8. J. & J. Baldwin's
4-ply PETTICOAT WOOL
Navy blue

No. 9. J. & J. Baldwin's
4-ply "WHITE HEATHER" FLEECY WOOL
Natural colour, No. 400½

No. 10. W. H. Head & Son's
4-ply SCOTCH FINGERING.
Navy blue

No. 11. W. H. Head & Son's
4-ply SCOTCH FINGERING
Khaki colour



ILLUSTRATED WOOLS,
ACTUAL SIZE AND COLOR.

ILLUSTRATED WOOLS

No. 12. W. H. Head & Son's
4-ply Scotch Fingering.
Natural colour

No. 13. W. H. Head & Son's
4-ply Scotch Fingering.
Grey

No. 14. J. & J. Baldwin's
"Beehive" 4-ply Double Knitting.
Navy blue, No. 133

No. 15. J. & J. Baldwin's
"Beehive" 4-ply Double Knitting.
Khaki colour

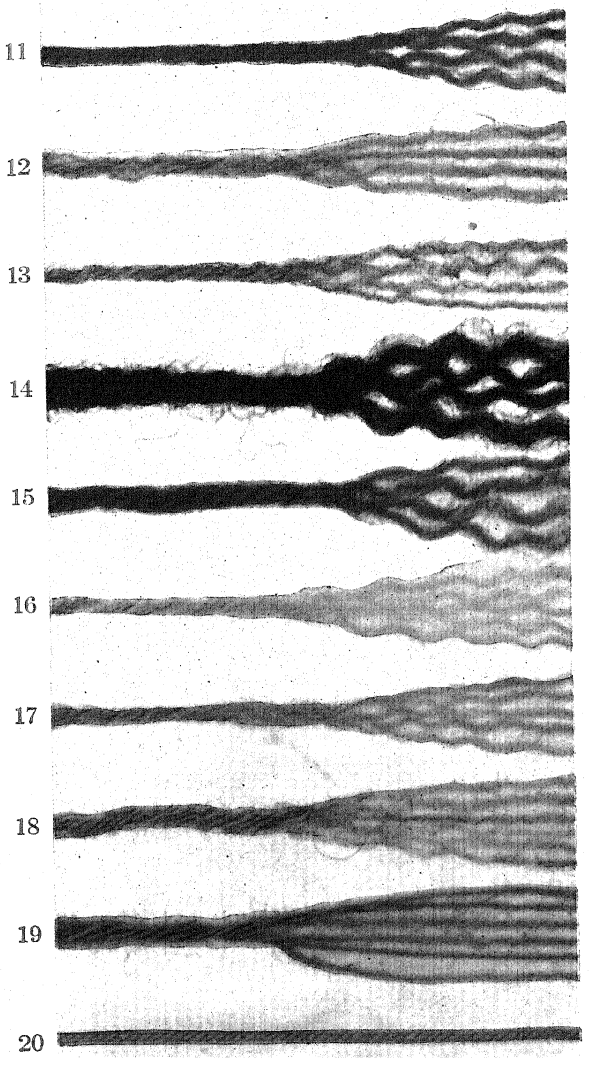
No. 16. Baldwin & Walker's
"Ladyship" 5-ply Scotch Fingering.
Colour No. 73

No. 17. Baldwin & Walker's
5-ply Scotch Fingering.
Natural colour

No. 18. W. H. Head & Son's
6-ply Scotch Fingering.
Light grey

No. 19. W. H. Head & Son's
6-thread Thibet Llama Wool
Natural colour. Article 23½

No. 20. No. 5 Macramé Twine



ILLUSTRATED WOODS.
ACTUAL SIZE AND COLOR.

KNITTING AND SEWING

KNITTING AND SEWING

PRELIMINARY INSTRUCTIONS

UNLESS otherwise directed cast on and cast off loosely.

In joining wool ravel out both ends for 3 inches, break off half the strands of one end, lay the remaining strands together in opposition, drawing them through each other, moisten the palms and rub the joined part between them, knit this joining without pulling it. All wool should be joined this way in preference to tying a knot.

There are two ways of slipping a stitch: as though about to knit it and as though to purl it. Use the first on knitting rows and patterns and the latter on purling rows and patterns.

There are three ways of increasing:

(1) Throwing the wool over the top of the needle between two stitches, and knitting off this throw over as a stitch on the next row; this makes a small pattern:

(2) Knitting first in the front of the loop and then in the back of the loop before slipping the stitch off the left hand needle; this also makes a small pattern:

(3) Knitting up a stitch in the loop of the stitch underneath, i.e., the stitch of the preceding row; this hardly shows.

In narrowing, knitting two stitches together in the front loops of the stitches will make the narrowing slant from left to right. Knitting two stitches together in the back loops of the stitches will make the narrowing slant from right to left.

Press knitting with a damp cloth over it and an iron that is not too hot, as wool scorches easily. As a rule, do not press ribbing and fancy knitting, as it flattens out the pattern.

In the crochet directions the English terms are used—treble, called double crochet in America, throwing the thread once over the needle before picking up a loop; double crochet, called single crochet in America, picking up a loop without throwing the thread over the needle.

All articles in pairs, such as socks, gloves, etc., should be tacked together with a bit of wool when finished, and all knitted articles should have a few cut needlefuls of the same wool twisted into a small hank and sewed to them, for mending purposes.

Mark all articles with the name in full, with indelible ink, on linen tape, or with Cash's woven names.

English wools have been illustrated and given in this book, but if they are unprocurable, any wool in the same ply and texture will do. Fingering, sometimes called Scotch Fingering, the wool required for socks, usually is called knitting yarn in

America. Wheeling is also a coarser yarn; fleecy wool is our ordinary soft Germantown wool. Double knitting is like it. Petticoat wool is like these last two wools, only a little thicker.

The best English yarns are made by J. & J. Baldwin, Ltd., Halifax, England, and may be procured at Alice Maynard's, 18 West 46th Street, New York City, or from Gault Bros., Montreal, Canada.

A steel knitting gauge is convenient to have as all needles are not of the standard sizes and correctly marked. It is essential to use the same size needles and ply and texture of wool given in these directions if the same result is to be achieved.

The directions for the Puttee Stocking, Improved Mine-Sweeper's Glove, and Fancy Crocheted Tie, "Curzon" design, are inserted with acknowledgment to—W. H. Head & Son, 191[a] Sloan Street, London, S.W., whose Copyright they are.

The Plain Jersey, Coat Sweater and Chest Protector have been copied from the little pamphlet published by J. & J. Baldwin, Ltd., Halifax, England, called "Knitted Comforts."

SIMPLE HELMET

4 bone knitting needles, pointed at both ends, size 8. 2 balls of 6 thread Thibet Llama wool, or 2½ ounces of 4-ply petticoat wool, in khaki colour or navy blue.

Cast on 100 stitches on three needles—32, 32, 36—join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 35 rounds = 5 inches.

Knit and purl in the rib on the 3 needles in *rows*—not rounds—for 50 rows = 7 inches. This is to make a split for the face. Begin the first row with the second stitch of a plain knitted rib and end the row with the first stitch of the same rib and slip the first stitch of every row.

Knit in the rib for 12 rounds = 1½ inches.

Next round, knit together every 19th and 20th stitches.

2nd	round,	"	"	"	18th	"	19th	"
3rd	"	"	"	"	17th	"	18th	"
4th	"	"	"	"	16th	"	17th	"
5th	"	"	"	"	15th	"	16th	"
6th	"	"	"	"	14th	"	15th	"
7th	"	"	"	"	13th	"	14th	"
8th	"	"	"	"	12th	"	13th	"
9th	"	"	"	"	11th	"	12th	"
10th	"	"	"	"	10th	"	11th	"
11th	"	"	"	"	9th	"	10th	"
12th	"	"	"	"	8th	"	9th	"

SIMPLE HELMET

13th round, knit together every 7th and 8th stitches.
14th " " " " 6th " 7th "
15th " " " " 5th " 6th "

You will have 25 stitches left on the needles. Break off the wool, run it twice round through all the stitches, pull them up and fasten off securely on the wrong side.

The helmet over all measures 15 inches.

BALACLAVA HELMET
(WITH CAPE PIECES)

4 bone knitting needles, pointed at both ends, size 8. 6 ounces of 4-ply petticoat wool, or of 4-ply fleecy wool, in khaki colour or navy blue.

Cast on 30 stitches.

Knit 1 plain row.

For the 2nd row, slip 1 with a knitting slip, increase 1 stitch in the 2nd stitch by knitting in the front and in the back of loop before slipping it off the left-hand needle, knit plain to the end of the row.

Repeat this row till you have 50 stitches on one needle.

Knit plain, slipping the first stitch of every row till the work measures 5 inches from the last increasing row—25 double rows = 7½ inches over-all.

With the other two needles and another ball of wool make a second cape piece like this one. Place them together, dividing the stitches on to 3 needles —32, 32, 36—and knit in a rib of knit 2 stitches and purl 2 stitches for 6 inches—45 rounds.

Begin with the cape piece where the ribbing starts with 2 knitted stitches and knit in the rib for 14 stitches, cast off 22 stitches loosely.

Now knit forward and backward in the rib for 2 inches—15 rows—slipping the first stitch of every row. When you come to the face opening cast on 22

stitches, join up the round and knit in the rib for 4 inches—32 rounds.

To finish the top—

Knit every 19th and 20th stitches together, knit 1 plain round. Knit every 18th and 19th stitches together. Knit 1 plain round. Knit every 17th and 18th stitches together. Knit every 16th and 17th stitches together, and continue in this manner till only 25 stitches remain.

Break off the wool, run it twice round through all the stitches, pull it up, and finish off securely.

Press the plain parts of the work.

This helmet can be knitted without the cape pieces, in which case cast on 100 stitches, on 3 needles, join them in a circle, rib in knit 2 stitches and purl 2 stitches for 6 inches, etc.

Turn the helmet inside out and pick up the neck and head part with a teazle brush to make it soft and fleecy.

The Balaclava Helmet measurements are:

Length over all.....	22	inches.
Without cape pieces.....	14½	"

It looks very long when knitted, but takes up by stretching when on.

BALACLAVA HELMET

PEARY HELMET

4 bone knitting needles, pointed at both ends, size 9. 3½ ounces of 4-ply petticoat wool, 4-ply double knitting wool, or 3 balls of 6 thread Thibet Llama wool, in khaki colour or navy blue.

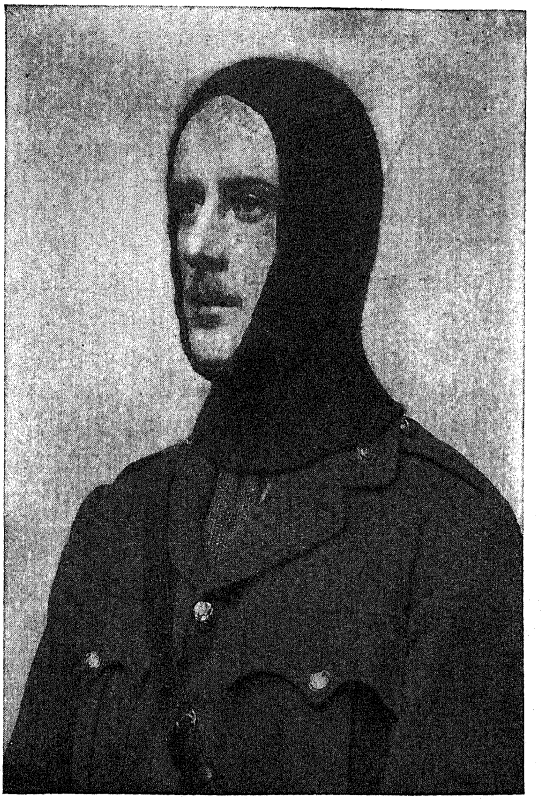
Cast on 90 stitches on 3 needles, 30 on each needle, join them in a circle and knit in a rib of knit 3 stitches and purl 3 stitches for 4 inches, or 32 rounds; take off 21 stitches on an extra needle, beginning the count with a rib of 3 knitted stitches. Knit forward and backward on the remaining 69 stitches, always slipping the first stitch of every row till you have knitted 18 double rows = 3 inches.

Slip 1 stitch, knit 15, knit the next 2 stitches together and knit plain to the end of the row. Repeat this row till you have knitted 14 double rows in the narrowing and have 41 stitches left on one needle.

Slip 1, knit 7, knit the next 2 stitches together and knit plain to the end of the row. Repeat this row till you have knitted 10 double rows in the narrowing and have 21 stitches left on one needle.

In the next row, slip 1, knit 1, knit 2 together, knit 2, knit 2 together, knit 5, knit 2 together, knit 2, knit 2 together, and end knit 2.

2nd row, slip 1, knit 1, knit 2 together, knit 2, knit 2 together, knit 1, knit 2 together, knit 2, knit 2 together and end knit 2.



PEARY HELMET

3rd row, knit 2 together, knit 2 together, knit 5, knit 2 together and end knit 2 together.

4th row, knit 2 together, knit 2 together, knit 1, knit 2 together and end knit 2 together.

5th row, knit 2 together, knit 1 and end knit 2 together.

6th row, slip 1, knit 2.

You will now have 3 stitches left on one needle, and have knitted 45 double rows, counting from the ribbing. On the same needle with the 3 stitches pick up 45 stitches, one stitch in each rib, this will bring you to the 21 stitches on the extra needle, knit these in the rib. Pick up 45 stitches on the other side of the helmet, which will bring you to the top again.

You will now have 114 stitches in the round, divide them on 3 needles—36, 36, 42—and knit in a rib of knit 3 stitches and purl 3 stitches for 3¾ inches (or 28 rounds). Be careful to knit the stitches so that the ribbing joins correctly with the 21 stitches that are already ribbed. Cast off and press the plain part of the helmet, turn it inside out and pick it up with a teazle brush till it is soft and fleecy.

If wished this helmet can be made with openings for the ears, as on active service the officers and men are forbidden to cover their ears while on duty.

With 3 stitches left on one needle pick up the first 24 stitches for the round, 1 stitch in each double row of the plain knitting. You will now be within 21 double rows of the 21 ribbed stitches on the extra needle. Cast on 9 stitches, miss 9 double rows of the plain knitting and pick up the last 12 stitches of the

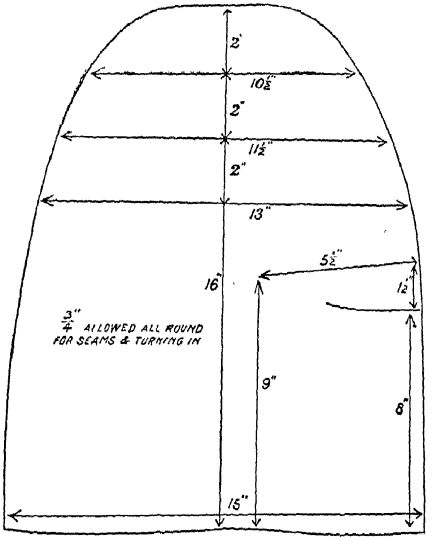
needed 45, on the remaining 12 double rows of plain knitting. Rib the 21 stitches on the extra needle. Pick up 12 stitches in the first 12 rows of plain knitting on the other side of the helmet. Cast on 9 stitches, miss 9 double rows of the plain knitting. Pick up 24 stitches in the remaining 24 double rows of plain knitting, which completes the round of 114 stitches and brings you to the top of the helmet again.

If small flaps are wanted to close these openings, pick up 13 stitches on the inside edge of the 9 skipped double rows. Pick up 1 stitch for each row and 2 stitches on either side. Alternately knit and purl these 13 stitches for 10 rows. The plain side of the knitting must face out. On the 11th row, narrow the two first and the two last stitches, do the same on the 12th row and cast off on the 13th row.

SLEEPING HELMET

One-half yd. of eider down flannel, 30 inches wide, in tan, brown, grey, or dark blue.

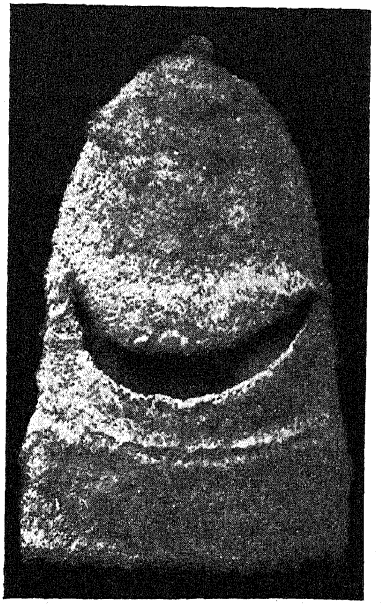
If you are making the Jaeger pyjamas (see page



SLEEPING HELMET

186), there will be enough left from the pair of blankets to cut the helmet.

Make the helmet according to the illustrated diagram and sew it strongly.



SLEEPING HELMET

SKULL CAP

4 bone knitting needles, pointed at both ends, size 8. 2 ounces of 4-ply double knitting wool, khaki colour or navy blue.

Cast on 100 stitches on 3 needles—32, 32, 36. Join them in a circle and work in a rib of knit 2 stitches and purl 2 stitches for 4 inches.

SKULL CAP

Knit plain for 3 inches, or 4 inches if the man has a deep head.

Decrease and finish as for the Balaclava Helmet (see page 23).

Press the plain part of the cap, turn it inside out and pick up the surface of the plain part with a teazle brush till it is soft and fleecy.

These caps are useful for sleeping in and to wear under an oilskin cap, or a steel helmet.

CAP AND MUFFLER COMBINED

4 bone knitting needles, pointed at both ends, size 8. 6 ounces of 4-ply double knitting wool, in khaki colour or navy blue.

Cast on 100 stitches, on 3 needles—32, 32, 36—join them in a circle and knit plain for 245 rounds and the work measures 34 inches.

Cast off and press the work.

Gather up the ends, make a pompon by winding the wool 100 times around a piece of cardboard 2 inches wide, tie the wound wool tightly on one side,

cut through the other side, gather up the pompon and clip the top evenly. Sew a pompon on each end of the muffler.

For a cap, fold one end inside the other.

CAP AND MUFFLER COMBINED

MUFFLER

BASKET STITCH

2, 12 inch long bone knitting needles, with tips at one end, size 7. 1-lb. 4-ply double knitting wool in khaki colour or navy blue.

Cast on 69 stitches, or a number of stitches divisible by 12, plus 9. Slip the first stitch of every row with a knitting or purling slip according to the stitch following.

1st row. Slip 1 stitch, knit 8, purl 3, * knit 9, purl 3 and repeat from * to the end of the row, ending knit 9 stitches.

2nd row. Slip 1 stitch, purl 8, knit 3, * purl 9, knit 3 and repeat from * to the end of the row, ending purl 9 stitches.

3rd row. Slip 1 stitch, knit 8, purl 3, * knit 9, purl 3 and repeat from * to the end of the row, ending knit 9 stitches.

4th row. Slip 1 stitch, purl 2, knit 3, * purl 9, knit 3 and repeat from * to the end of the row, ending purl 3 stitches.

5th row. Slip 1 stitch, knit 2, purl 3, * knit 9, purl 3 and repeat from * to the end of the row, ending knit 3 stitches.

6th row. Same as the 4th row.

Repeat these 6 rows for all the work.

Make the muffler 2½ yards long. Cast off and finish the ends with either 1 row of plain crochet and

a small flat scallop, or with a 2½-inch long fringe, using 6 strands of wool to a knot and spacing the knots one to every ½ inch of knitting, then trim the fringe evenly.

MUFFLER IN BASKET STITCH

Do not press knitting done in fancy stitches.

This muffler will measure 12 inches in width. If wanted wider cast on 81 stitches. The pattern increases or decreases by 12 stitches.

MUFFLER

PLAIN STITCH

Needles and wool as above. Cast on 60 stitches. Slip the 1st stitch of every row with a knitting slip and knit plain forward and backward till your muffler is the desired length. Cast off and finish as above. Press the work.

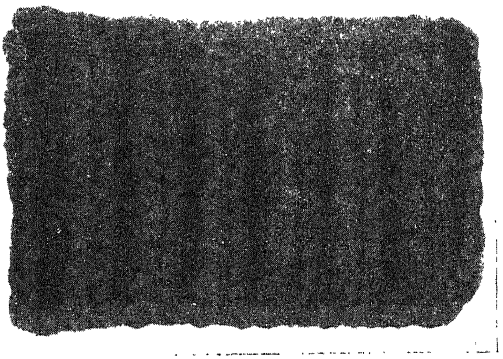
This muffler will measure 12 inches in width. Plain knitting works out a little wider than fancy stitches.

FIVE FANCY STITCHES FOR MUFFLERS

SINGLE BRIOCHE STITCH

Needles and wool as above.

Cast on 69 stitches, or a number of stitches divisible by 3 and * with the wool in front slip the 1st stitch with a purling slip. Knit the next 2 stitches



SINGLE BRIOCHE STITCH

together. Repeat from * to the end of the row and repeat this row for all the work.

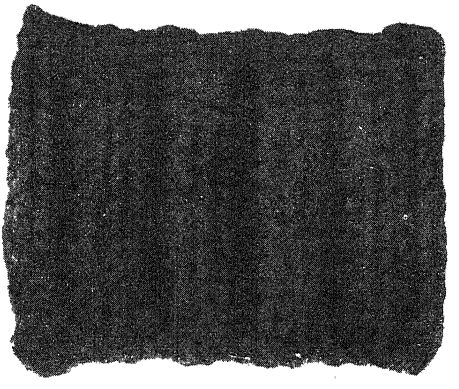
Cast off and finish as above.

This muffler will measure 12 inches in width.

DOUBLE BRIOCHE STITCH

Needles and wool as above.

Cast on 68 stitches. * With the wool in front slip 1 stitch (with a purling slip), knit 1 stitch, knit



DOUBLE BRIOCHE STITCH

the next 2 stitches together and repeat from * to the end of the row.

Repeat this row for all the work.

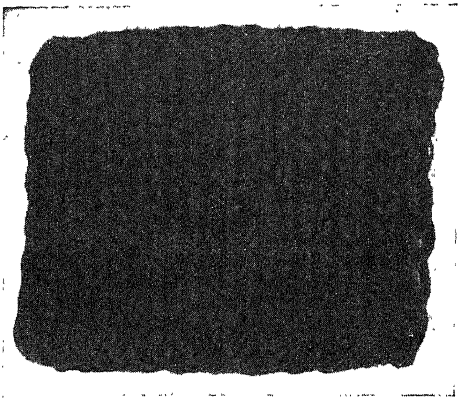
This muffler will measure 12 inches in width. The pattern increases or decreases by 4 stitches.

CARDIGAN STITCH, OR 1 & 1 RIB

Needles and wool as above.

Cast on 96 stitches. Slip the 1st stitch of every row with a knitting slip.

1st row. Slip 1 stitch, * purl 1, knit 1 and repeat from * to the end of the row.



CARDIGAN STITCH,
OR 1 & 1 RIB

Repeat this row for all the work. Cast off and finish as above.

This muffler will measure 12 inches in width.

DIAGONAL STITCH

Needles and wool as above.

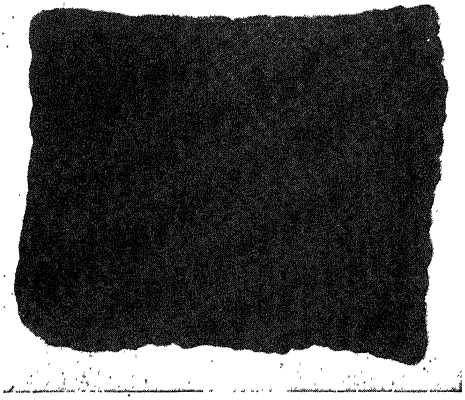
Cast on 84 stitches.

1st row. Slip 1 stitch, knit 2, purl 3, * knit 3, purl 3, and repeat from * to the end of the row.

2nd row. Slip 1 stitch, knit 1, purl 3, * knit 3, purl 3 and repeat from * to the end of the row, ending purl 3, knit 1.

3rd row. Slip 1 stitch, purl 1, knit 3, * purl 3, knit 3, and repeat from [11] to the end of the row, ending knit 3, purl 1.

Continue in this manner purling or knitting 1 stitch further on in every row, as the diagonal stripe



DIAGONAL STITCH

requires. When a row ends with either 3 purl or 3 knitted stitches, begin another diagonal stripe on the next row.

Cast off and finish as above.

This muffler will measure 12 inches in width.

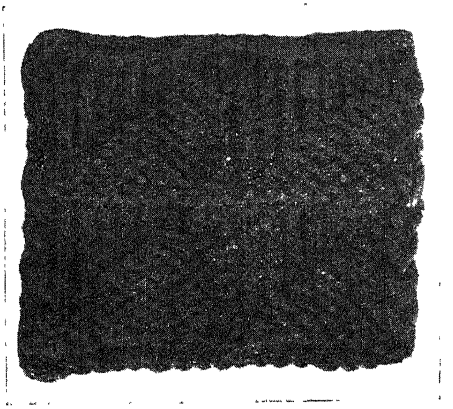
TRIANGLE STITCH

Needles and wool as above.

Cast on 72 stitches.

1st row. Slip 1 stitch, knit plain.

2nd row. Slip 1 stitch, purl 7, * knit 1, purl 8 and repeat from * to the end of the row, end knit 1.
3rd row. Slip 1 stitch, purl 1, * knit 7, purl 2 and repeat from * to the end of the row, end knit 7.
4th row. Slip 1 stitch, purl 5, * knit 3, purl 6 and repeat from * to the end of the row, end knit 3.



TRIANGLE STITCH

5th row. Slip 1 stitch, purl 3, * knit 5, purl 4 and repeat from * to the end of the row, end knit 5.
6th row. Slip 1 stitch, purl 3, * knit 5, purl 4 and repeat from * to the end of the row, end knit 5.
7th row. Slip 1 stitch, purl 5, * knit 3, purl 6 and repeat from * to the end of the row, end knit 3.
8th row. Slip 1 stitch, purl 1, * knit 7, purl 2 and repeat from * to the end of the row, end knit 7.
9th row. Slip 1 stitch, purl 7, * knit 1, purl 8 and repeat from * to the end of the row, end knit 1.

Repeat the last 8 rows for all the work.

Cast off and finish as above.

This muffler will measure 12 inches in width. The pattern increases or decreases by 9 stitches.

SOFT AND NARROW—TO WEAR INSIDE THE JACKET

2 bone knitting needles, pointed at both ends, size 8. 6 balls of 3 thread Thibet Llama wool, in khaki colour, navy blue, or natural shade.

Cast on 72 stitches, and knit plain forward and backward till the scarf is the desired length. 2 yards is a good length. Leave the ends plain.

This scarf will measure 10 inches in width.

If preferred, you can begin the scarf by knitting 6 rows in a rib of knit 2 stitches and purl 2 stitches and repeat these 6 rows at the end.

If 6 thread Thibet Llama wool is used, cast on 52 stitches. 6 balls will be required. This makes a thicker scarf.

SCARF

CHEST PROTECTOR

3 bone knitting needles, with tips at one end, size 9. 5 ounces of 4-ply fleecy wool, in white, grey, or natural colour. 2 flat, medium sized, pearl buttons

Cast on 104 stitches.

Slip the 1st stitch of every row.

1st row. * Slip 1 stitch, knit 1 stitch, put the wool in front and repeat from * to the end of the row

2nd row. Slip 1 stitch, knit 2 together, * knit 1, knit 2 together and repeat from * to the end of the row.

3rd and 4th rows. Knit plain.

Then knit in a rib of knit 1 stitch and purl 1 stitch for 11 inches.

This brings the work to the division for the neck and shoulders.

Knit 40 stitches in the rib, cast off the next 24 stitches, take a third needle and knit the remaining 40 stitches in the rib.

Rib one row.

On the next row knit the first 2 stitches together and rib to the end of the row.

Repeat these last two rows twice and knit in the rib for 4 inches.

Then increase 1 stitch at the side nearest the neck on every 2nd row, for 6 rows.

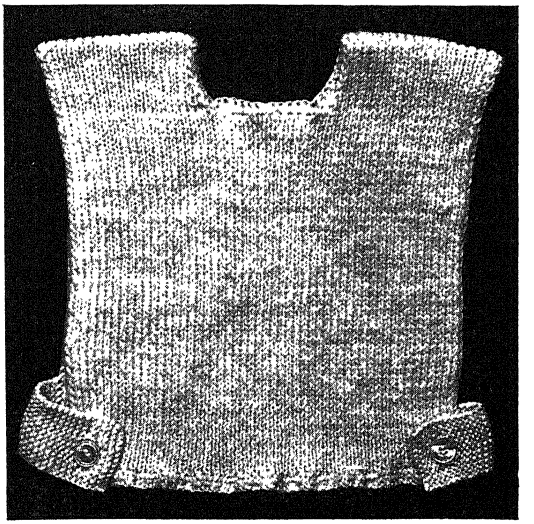
Break off the wool and leave this shoulder.

On the other needle and shoulder knit 2 stitches together, rib to the end of the row.

Rib one row.

Repeat these last two rows twice.

Knit in the rib for 4 inches.



CHEST PROTECTOR

Increase 1 stitch at the side nearest the neck in every 2nd row for 6 rows.

Rib 40 stitches. Cast on 24 stitches. Rib the 40 stitches on the other shoulder and knit in the rib for 11 inches.

Knit 2 rows plain.

Repeat the 1st and 2nd rows of the work and cast off.

Make a strap and button-hole as follows:

Knit up 12 stitches at the lower inside edge of the back.

Knit plain for 3 inches.

Knit 4, cast off 4, knit 4, turn; knit 4, cast on 4, knit 4.

Knit plain for 4 double rows and cast off.

Work around the button-hole with wool. Make another strap on the other side of the back, and sew the buttons on the sides of the front to correspond with the button-holes.

Length over-all—from shoulder.. 13½ inches.
Width ..... 12 "

SINGLET

2 long bone knitting needles, pointed at both ends, size 8. 11 ounces of 4-ply fleecy, or 4-ply double knitting wool, in white or natural colour.

Cast on 80 stitches.

1st row. * Slip 1 stitch, knit 1 stitch, put the wool in front and repeat from * to the end of the row.

2nd row. Slip 1 stitch, knit 2 together, * knit 1, knit 2 together and repeat from * to the end of the row.

Now knit plain, slipping the first stitch of every row with a purling slip, for 120 double rows and the work measures 24 inches. For smaller sizes 100 rows = 20 inches; 110 rows = 22 inches.

On the next row, which should be a forward row (a row with the work facing you), knit 28 stitches and slip them off on a piece of wool; cast off 24 stitches as follows: Knit 1 stitch and replace it on the left hand needle, knit 2 stitches together, * put the stitch that is on the right hand needle on the left hand needle and knit 2 stitches together. Repeat from *. This gives a casting-off with a firm, elastic edge, that has no right or wrong side.

Knit 28 stitches, knit plain on these 28 stitches for 16 double rows = 3¼ inches. Leave this piece by slipping off the stitches.

Pick up the other 28 slipped off stitches and knit this shoulder till it is as long as the other one.

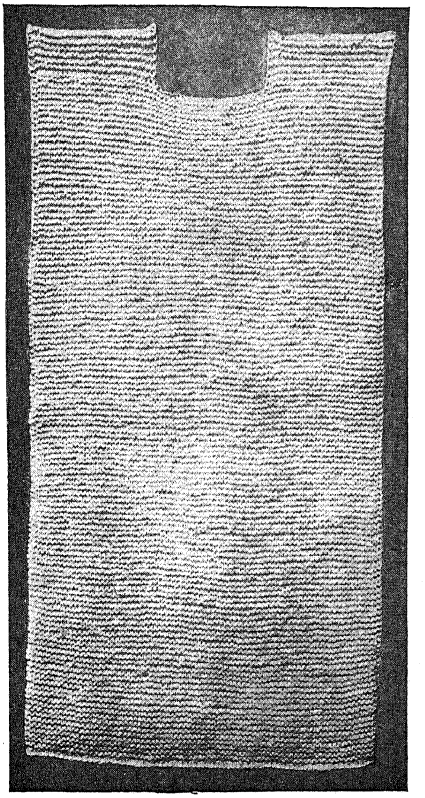
On the last knitting row, cast on 24 stitches, pick up and knit the 28 slipped off stitches of the first shoulder.

Now knit these 80 stitches till the plain part of the back is as long as the plain part of the front; repeat the 1st and 2nd rows, cast off and sew up the sides from the bottom edges, by overhanding them together on the wrong side with wool, leaving enough at the top for a very roomy arm-hole, 8 inches each side. Press the Singlet.

The casting on and off should be done very loosely. The Singlet is to be pulled on over the head.

It is for a 34 to 38 inch chest.

This makes a good chest protector by knitting 60 double rows in the length = 12 inches, before casting off for the neck.



SINGLET

PLAIN ARMLET

4 steel knitting needles, pointed at both ends, size 11. 4 bone knitting needles, pointed at both ends, size 8.

5 ounces of 4-ply petticoat, or 4-ply fleecy wool, in natural colour, white, or grey.

Cast on 62 stitches on three, size 11, needles—20, 20, 22—join them in a circle. Knit in a rib of knit 1 stitch and purl 1 stitch, for 45 rounds—5½ inches.

Knit plain for 45 rounds—5½ inches.

Change to the size 8 needles, and knit plain for 75 rounds—13 inches.

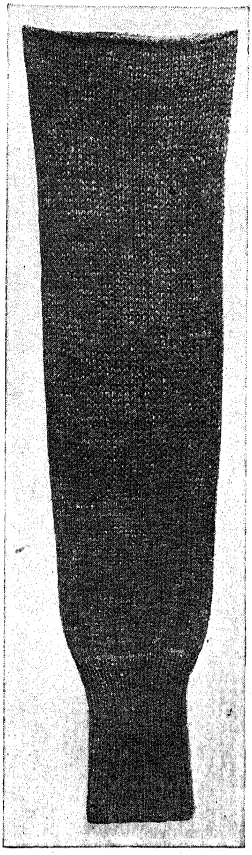
Cast off *very* loosely, as follows:

Knit 1 stitch * replace this last stitch on the left hand needle and knit 2 stitches together. Repeat from * to the end of the round.

Press the work.

The Armlet will measure 24 inches in length.

It can be made longer or shorter to suit, in the last plain knitting.



PLAIN ARMLET

RIBBED ARMLET

4 steel knitting needles, pointed at both ends, size 11, and 4 bone knitting needles, pointed at both ends, size 8.

6 ounces of 4-ply petticoat wool, or 4-ply fleecy wool, in natural colour, white or grey.

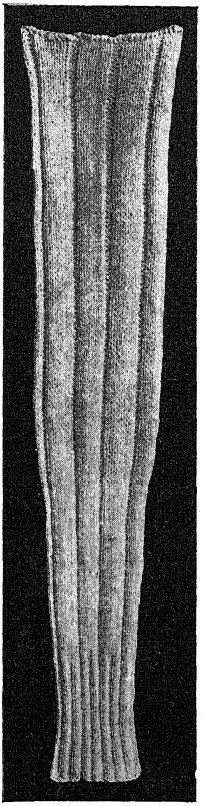
Cast on 64 stitches on three, size 11, needles—20, 20, 24—join them in a circle. Knit in a rib of knit 2 stitches and purl 2 stitches, for 40 rounds—4 inches.

Change the rib to knit 6 stitches and purl 2 stitches, and knit for 50 rounds—5½ inches.

Change to the No. 8 needles and knit in the rib for 95 rounds—14½ inches.

Cast off very loosely, as for the plain Armlet, and press the work.

The Armlet measures 24 inches in length over all.



BBED ARMLET

GLOVES

4 steel knitting needles, pointed at both ends, size 13. 3 ounces of 3-ply wheeling in khaki colour or navy blue; or if a softer glove is wanted, 3-ounces of 4-ply double knitting wool.

Cast on 60 stitches on 3 needles, 20 stitches on each needle. Join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 38 or 40 rounds—4 inches.

1st round. Knit 2, purl 2 stitches together, and counting from here, knit every 11th and 12th stitches together to the end of the round, decreasing 5 stitches.

(You now begin the gusset for the thumb.)

2nd round. Knit 1, purl 1, knit 1, purl 1, and knit plain to the end of the round.

3rd round. Knit 1, purl 1, increase 1 by knitting up a stitch in the front loop of the lower stitch, i.e., the stitch of the preceding round. Knit 1 (your stitch on the left needle), purl 1, and knit plain to the end of the round.

4th round. Knit 1, purl 1, knit 2, purl 1 and knit plain to the end of the round.

5th round. Knit 1, purl 1, increase 1 in the front loop of the lower stitch. Knit 2, increase 1 in the back loop of the stitch below the stitch you have just knitted off, i.e., in the stitch of the

preceding round, purl 1 and knit plain to the end of the round.

6th & 7th rounds. Knit 1, purl 1, knit 4, purl 1 and knit plain to the end of the rounds.

8th round. Knit 1, purl 1, increase 1, knit 4, increase 1, purl 1 and knit plain to the end of the round.

9th & 10th rounds. Knit 1, purl 1, knit 6, purl 1, and knit plain to the end of the rounds.

Repeat these last 3 rounds, always knitting 2 more plain stitches on the V of the gusset after each increasing round, till you have 16 plain stitches in the gusset, between the 2 purled, or seam stitches, that outline the gusset. After the last increasing round knit 2 plain rounds, purling the 2 seam stitches of the gusset, as usual; take off the 16 plain gusset stitches and the 2 purled gusset stitches on a piece of yarn and leave them.

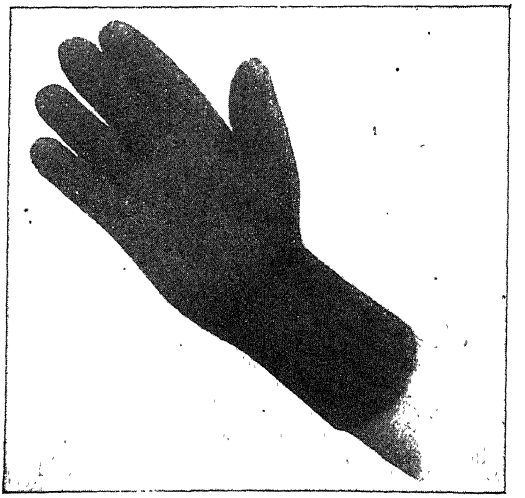
Cast on 4 stitches, join up the round and knit 14 plain rounds on 56 stitches.

Now begin the fingers: for the *right* hand glove:—

1st finger. Take the 4 cast on stitches, 12 stitches to the right of them, and at the left of the 4 stitches cast on 2 stitches, 18 stitches in all; take off the rest of the stitches on a piece of yarn and leave them. Divide the 18 1st finger stitches on 3 needles—6, 6, 6—join up the round and knit 28 plain rounds. In the next round knit together the first 2 and last 2 stitches on each needle. Knit 1 plain round. In the next round knit together the first 2 stitches on each needle.

Break off the wool, thread it through a blunt darning needle, run it round through all the remaining stitches, turn the finger inside out, pull up the wool and fasten off securely.

2nd finger. With the ball of wool, pick up 3 stitches in the 2 cast on stitches of the 1st finger, take off 7 stitches from the yarn on the palm side,



GLOVES

cast on 2 stitches, take off 7 stitches from the yarn on the back of the hand. Divide the stitches on 3 needles—7, 6, 6—and join up the round. Knit 32 plain rounds and finish as for the 1st finger.

3rd finger. With the ball of wool pick up 2 stitches in the 2 cast on stitches of the 2nd finger, take

off 7 stitches from the yarn on the palm side, cast on 2 stitches, take off 7 stitches from the yarn on the back of the hand. Divide the stitches on three needles—6, 6, 6—join up the round. Knit 28 plain rounds and finish as for the 1st finger.

4th finger. With the ball of wool pick up 4 stitches in the 2 cast on stitches of the 3rd finger, take off the remaining 12 stitches on the yarn. Divide the stitches on three needles—6, 5, 5—join up the round. Knit 22 plain rounds and finish as for the 1st finger.

For the thumb. With the ball of wool pick up 4 stitches in the 4 cast on stitches for the gusset, take off the 18 stitches on the yarn and divide the stitches on three needles—8, 7, 7—join up the round and knit 22 plain rounds. On the 5th plain round decrease the first and last stitches of the 4 picked up gusset stitches, by knitting them in. The thumb is finished differently from the fingers, as follows:—

1st round. Knit together the first and last 2 stitches on each needle.

Knit 1 plain round.

3rd round. Knit together the first 2 stitches on each needle.

Knit 1 plain round.

5th round. Knit together the first 2 stitches on each needle, and end off like the fingers.

Fasten in all the ends of wool securely.

Press the glove, turn it inside out and pick it up with a teazle brush till it is soft and fleecy.

The *left* hand glove is made like the right, only when you get to the 1st finger, take the 4 cast on stitches, 12 stitches to the *left* of them, cast on 2 stitches, join up the round, etc.

You can cast on 56 stitches for the glove, in which case do not decrease the 5 stitches on the 1st plain round. This makes the wrist part two ribs narrower.

The glove measurements are:—

Length of ribbing for the wrist	4	inches.
" " palm	4	"
" " middle finger	3	"
Length over all	11	inches.

This glove will fit a size 8, 8½, or 9 hand.

Note. In all knitted things for the hand, if a longer wrist part is wanted, to wear over the coat sleeve, knit 10-20 more rounds on the wrist part.

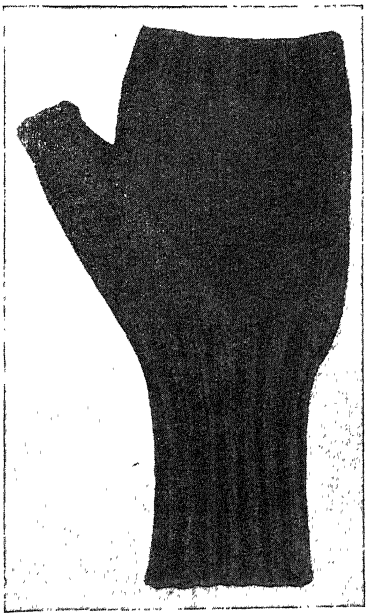
An ordinary wrist to wear under the sleeve should be 4 inches long, which is 38 to 40 rounds of ribbing with the wool and needles given in the directions.

FINGERLESS GLOVES

OR HALF-MITTENS, FOR GUNNERS

4 steel knitting needles, pointed at both ends, size 13. 3 ounces of 3-ply wheeling, or 4-ply double knitting wool, in khaki colour or navy blue.

Proceed exactly as you do for a glove till you tie off the 18 thumb stitches. Now cast on 6 stitches, join up the round and knit 3 plain rounds.



FINGERLESS GLOVES

On the 4th plain round, when you reach the 6 cast on gusset stitches, knit 2 stitches together in the back loops of the stitches, knit 2 stitches, knit 2 stitches together in the front loops of the stitches.

Knit 10 plain rounds.

Knit in a rib of knit 2 stitches and purl 2 stitches for 6 rounds and cast off.

Pick up the 18 thumb stitches and 4 stitches over the gusset.

Knit 3 plain rounds.

In the next round decrease the 2 outside stitches of the gusset as you did above.

Knit 2 plain rounds.

Knit in the rib for 6 rounds and cast off.

Press the work.

The Fingerless Gloves measurements are:—

Length of ribbing for the wrist	4	inches.
" " palm	4	"
Ribbing at top	½	inch.
Length over all	8½	inches.

MITTENS

4 steel knitting needles, pointed at both ends, size 13. 3 ounces (takes 2½) of 4-ply double knitting wool, khaki colour or navy blue.

Cast on 60 stitches on 3 needles—20, 20, 20— join them in a circle and work exactly as you do for a glove till you tie off the 18 thumb stitches.

Cast on 4 stitches, join up the round and knit 25 plain rounds. Count the rounds as beginning in the centre of the 4 gusset stitches. This is to divide the mittens evenly for the narrowing. After the last and 25th plain round knit the 1st narrowing round:—

Knit 1, knit 2 stitches together in the front loops of the stitches, knit 22.

Knit 2 stitches together in the back loops of the stitches, knit 2.

Knit 2 stitches together in the front loops of the stitches, knit 22.

Knit 2 stitches together in the back loops of the stitches, knit 1.

Knit 5 plain rounds.

7th round. Knit 1, knit 2 stitches together, knit 20 stitches.

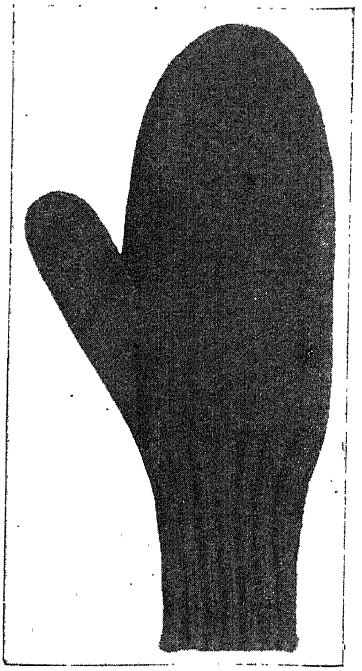
Knit 2 stitches together, knit 2 stitches.

Knit 2 stitches together, knit 20 stitches.

Knit 2 stitches together, knit 1 stitch.

Knit 4 plain rounds.

12th round: Knit 1, knit 2 stitches together, knit 18 stitches.
Knit 2 stitches together, knit 2 stitches.
Knit 2 stitches together, knit 18 stitches.



MITTENS

Knit 2 stitches together, knit 1 stitch.
Knit 3 plain rounds.

16th round: Knit 1, knit 2 stitches together, knit 16 stitches.
Knit 2 stitches together, knit 2 stitches.

Knit 2 stitches together, knit 16 stitches.
Knit 2 stitches together, knit 1 stitch.
Knit 2 plain rounds.

19th round: Knit 1, knit 2 stitches together, knit 14 stitches.
Knit 2 stitches together, knit 2 stitches.
Knit 2 stitches together, knit 14 stitches.
Knit 2 stitches together, knit 1 stitch.
Knit 1 plain round.

21st round: Knit 1, knit 2 stitches together, knit 12 stitches.
Knit 2 stitches together, knit 2 stitches.
Knit 2 stitches together, knit 12 stitches.
Knit 2 stitches together, knit 1 stitch.
Knit 1 plain round.

23rd round: Knit 1, knit 2 stitches together, knit 10 stitches.
Knit 2 stitches together, knit 2 stitches.
Knit 2 stitches together, knit 10 stitches.
Knit 2 stitches together, knit 1 stitch.

24th round: Knit 1, knit 2 stitches together, knit 8 stitches.
Knit 2 stitches together, knit 2 stitches.
Knit 2 stitches together, knit 8 stitches.
Knit 2 stitches together, knit 1 stitch.

25th round: Knit 1, knit 2 stitches together, knit 6 stitches.
Knit 2 stitches together, knit 2 stitches.
Knit 2 stitches together, knit 6 stitches.
Knit 2 stitches together, knit 1 stitch.

You will have 20 stitches left on the needles, divide them evenly on 2 needles, 10 stitches on the front needle, and 10 stitches on the back needle. Break off the wool, thread it through a blunt darning needle and darn the stitches together in the weave (see page 131).

For the thumb.

Pick up the 18 tied off stitches and pick up 4 stitches in the 4 cast on stitches for the gusset. Knit as you do the thumb of a glove (see page 59), but omit the decreasing in the gusset stitches.

Finish as you do the thumb of a glove.

Press the work, turn the mitten inside out and pick it up with a teazle brush till it is soft and fleecy.

The second mitten is made like the first one.

The mitten measurements are:

Length of ribbing for the wrist ..	4	inches
" " palm and fingers	7	"
Length over all	11	inches.

RIFLE MITTENS
FOR INFANTRY

4 steel knitting needles, pointed at both ends, size 13. 3 ounces of 3-ply wheeling, or 4-ply double knitting wool, in khaki colour or navy blue.

Proceed exactly as you do for gloves till you are ready to tie off the stitches for the fingers.

Tie off 12 stitches for the first finger (to the left of the 4 cast on stitches if for the left hand mitten, to the right of them if for the right hand one), tie off the 4 cast on stitches as well.

Continue knitting and at the end of the last needle cast on 2 stitches, join up the round of 42 stitches, divide them evenly upon 3 needles, 14 on each needle, and knit plain for 15 rounds.

In the next and first narrowing round, knit 19 stitches, this will bring you to the outside edge of the hand. Knit 2 stitches together in the back loops of the stitches, knit 2 stitches together in the front loops of the stitches and knit plain to the end of the round.

Knit 1 plain round.

Narrow again in the round, as above, and knit 1 plain round.

Repeat the narrowing round and the plain round till you have decreased 14 stitches.

Now narrow 4 rounds in succession. You will have 20 stitches left on the needles. Either finish off with the darning weave (see page 131), or break off the

wool, thread it through a blunt darning-needle, run it round through all the 20 stitches twice, pull up the wool and fasten it off securely.

Pick up the 16 tied off stitches for the 1st finger and pick up 4 stitches in the 2 cast on stitches, join

RIFLE MITTENS

up the round and knit in a rib of knit 2 stitches and purl 2 stitches for 6 rounds. Cast off.

Pick up the 18 tied off thumb stitches and pick-up 4 stitches in the 4 cast on gusset stitches, join up the round, and knit 1 plain round, knitting in the 2 outside stitches of the gusset when you come to them.

Knit in a rib of knit 2 stitches and purl 2 stitches, for 6 rounds and cast off.

Fasten in all the ends securely and press the mitten, then pick up the inside with a teazle brush until it is soft and fleecy.

The Rifle Mitten measurements are:

Ribbing for the wrist	4 inches.
Palm and fingers	7 "
Length over all	11 inches.

STEERING MITTENS

4 steel knitting needles, pointed at both ends, size 11. 4 ounces of 4-ply wheeling in dark grey.

Cast on 48 stitches on 3 needles, 16 stitches on each needle, join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches, for 4 inches, or 32 rounds.

You now begin the gusset for the thumb.

1st, 2nd and 3rd rounds. Knit 1, purl 1, knit 2,

STEERING MITTENS

purl 1, and knit plain to the end of the round. Then knit as for gloves (see page 56), until you tie off the 18 stitches for the thumb.

Cast on 4 stitches, join up the round and knit 22 plain rounds; from here count the rounds as beginning with the last 2 cast on gusset stitches, this is to divide the mitten evenly for the narrowing.

Decrease as for Mitten (see page 63), in the following proportions:

Decrease 1 round, as follows: Knit 1, knit 2 stitches together in the front loops of the stitches, knit 18, knit 2 stitches together in the back loops of the stitches, knit 2, knit 2 stitches together in the front loops of the stitches, knit 18, knit 2 stitches together in the back loops of the stitches and end knit 1.

Knit 4 plain rounds.

Decrease 1 round.

Knit 3 plain rounds.

Decrease 1 round.

Knit 2 plain rounds.

Decrease 1 round.

Knit 1 plain round.

Decrease 1 round.

Knit 1 plain round.

Decrease 2 rounds in succession. You will have 20 stitches left on the needles.

Knit 1 plain round and darn up in the weave (see page 131).

For the thumb. Pick up the 18 tied off stitches and 4 stitches in the 4 cast on gusset stitches.

In the next round decrease 2 stitches by knitting in your 2 purled gusset stitches.

Knit 3 plain rounds, then decrease the 2 outside stitches of the 4 picked up stitches over the gusset.

Knit 16 plain rounds.

On the next round knit together the first 2 stitches on each needle.

On the next round knit together the last 2 stitches on each needle.

Knit 1 plain round, and in the next round knit together the first 2 stitches on each needle.

End off as for the thumb of a glove (see page 59).

Press the mitten. Turn it inside out and pick up the inside with a teazle brush till it is soft and fleecy.

The plain part of the mitten measures 8 inches.

The mitten over all .....12 "

HEAVY STEERING MITTENS

A *heavier mitten* can be made by using 3-ply Fisherman's yarn, as follows:

4 steel knitting needles, pointed at both ends, size 11. 6 ounces of 3-ply Fisherman's yarn, in natural, or any dark colour—khaki or blue.

Cast on 40 stitches on 3 needles—12, 14, 14—join them in a circle and knit in a rib of knit 1 stitch and purl 1 stitch for 24 rounds = 4 inches.

Now begin the gusset for the thumb:

1st round. Knit 1 stitch, purl 1 stitch, increase 1, knit 1, purl 1 and knit plain to the end of the round.

2nd round. Knit 1 stitch, purl 1 stitch, knit 2, purl 1, and knit plain to the end of the round.

3rd round. Knit 1 stitch, purl 1 stitch, increase 1, knit 2, purl 1 and knit plain to the end of the round.

4th round. Knit 1 stitch, purl 1 stitch, knit 3, increase 1, purl 1 and knit plain to the end of the round.

5th round. Knit 1 stitch, purl 1 stitch, knit 4, purl 1 and knit plain to the end of the round.

Repeat these last 3 rounds till you have 14 plain stitches between the 2 purled gusset stitches and knit 3 plain rounds, purling the 2 gusset stitches as usual.

Tie off the 2 purled gusset stitches and the 14 plain stitches for the thumb.

Cast on 3 stitches, join up the round and knit 24 plain rounds.

HEAVY STEERING MITTENS

Decrease as follows:

Counting the round as beginning with the 2nd cast on stitch—knit 1 stitch, knit 2 stitches together in the front loops of the stitches, knit 14, knit 2 stitches together in the back loops of the stitches, knit 4, knit 2 stitches together in the front loops of the stitches,

knit 14, knit 2 stitches together in the back loops of the stitches and end knit 1.

Knit 2 plain rounds.

Decrease as above for round, knitting 12 plain stitches between the decreasings on each side.

Knit 2 plain rounds.

Decrease for 1 round, knitting 10 plain stitches between the decreasings on each side.

Knit 1 plain round.

Decrease for 1 round, knitting 8 plain stitches between the decreasings on each side.

Knit 1 plain round.

Decrease for 2 rounds in succession, knitting 6 plain stitches between the decreasings on each side, and then 4 plain stitches between the decreasings on each side.

You will have 16 stitches left on the needles.

Knit 1 plain round, break off the yarn and darn the stitches up in the weave (see page 131).

For the thumb. Pick up the 16 tied off stitches and pick up 3 stitches in the 3 cast on stitches of the gusset. Divide them on 3 needles—7, 6, 6—and knit 1 plain round.

In the next plain round decrease the two purled stitches that outline the thumb gusset.

Knit 12 plain rounds.

Knit together the first 2 stitches on each needle.

Knit 1 plain round.

Knit together the last 2 stitches on each needle.

Knit 1 plain round.

Knit together the first 2 stitches on each needle,

break off the yarn, run it through the remaining 8 stitches, turn the thumb inside out, pull up the yarn and finish it off securely.

Press the work.

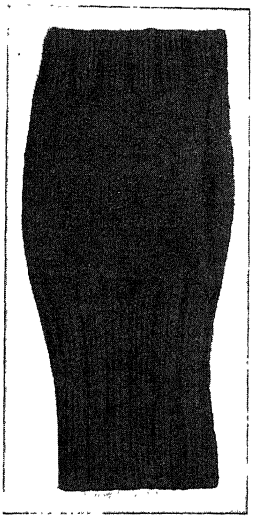
The mitten measures over all 12 inches.

The second mitten is made like the first.

THUMBLESS HALF MITTENS
ON TWO NEEDLES

2 short steel knitting needles, size 14. 3 ounces of 4-ply double knitting wool, khaki colour or navy blue.

Cast on 56 stitches.



THUMBLESS HALF-MITTENS

Work forward and backward in a rib of knit 2 stitches and purl 2 stitches for 38 rows—4 inches.

Alternately knit and purl the rows for 35 rows—3½ inches.

Knit 10 rows in the rib.

Cast off and sew up on the wrong side for 2 inches, measuring from the top. Leave 2 inches for the thumb space, sew up the rest.

Fasten off securely and press the work.

The second mitten is made exactly like the first.

If a finer mitten is wanted use 4-ply fingering wool and size 13 knitting needles.

These mittens leave the thumb and fingers free and protect the palm.

The Thumbless Half-mittens' measurements are:

Length of ribbing for the wrist	4 inches.
" " palm	3½ "
Ribbing at the top	1 inch.
Length over all	8½ inches.

DODDIES

(MITTENS WITH AN OPEN THUMB AND THE TOP PART MADE SO THAT THE FINGERS CAN BE QUICKLY RELEASED WITHOUT TAKING THE DODDIE OFF)

4 steel knitting needles, pointed at both ends, size 13. 3 ounce of 3-ply wheeling, or 4-ply double knitting wool, in khaki colour or navy blue.

Cast on 60 stitches, on 3 needles, 20 stitches on each needle, join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches, for 38 rounds, or 4 inches.

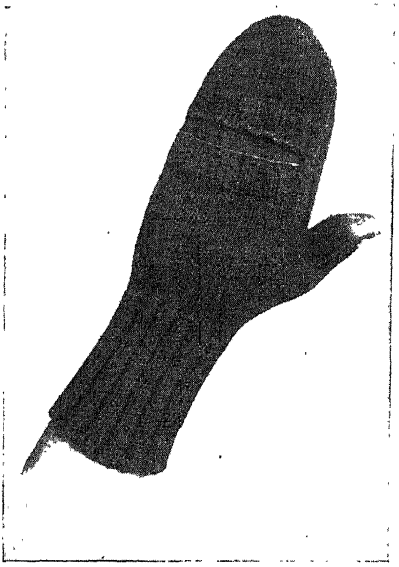
1st round. Knit 2 stitches, purl 1, increase 2 in the loops of the stitches of the preceding round, purl 1, knit 2, knit 2 purled stitches together, knit 2, knit 2 purled stitches together, knit 2, knit 2 purled stitches together, knit 6, knit 2 purled stitches together, knit 2, knit 2 purled stitches together, knit 2, knit 2 purled stitches together, rib the remaining 28 stitches.

2nd round. Knit 2 stitches, purl 1, knit 2, purl 1, knit the next 22 palm stitches plain, rib the next 28 stitches.

3rd round. Knit 2 stitches, purl 1, increase 1 as you do for the thumb gusset in gloves (see page 56), knit 2, increase 1, purl 1, knit the next 22 palm stitches plain, rib the next 28 stitches.

4th round. Knit 2 stitches, purl 1, knit 4, purl 1, knit 22, rib 28 stitches.

5th round. Knit 2 stitches, purl 1, increase 1, knit 4, increase 1, purl 1, knit 22, rib 28 stitches.



DODDIES

6th round. Knit 2 stitches, purl 1, knit 6, purl 1, knit 22, rib 28 stitches.

7th round. The same as the 6th round.

Repeat the last 3 rounds, increasing 2 stitches every 3rd round till you have 16 plain stitches in the gusset.

Knit 5 rounds, purling the seam stitches of the

gusset and ribbing the 28 stitches of the back of the hand.

Take the 16 plain gusset stitches and the 2 purled seam stitches of the gusset off on a piece of yarn, and leave them.

Cast on 4 stitches, join up the round and knit 10 rounds, knitting the 22 palm stitches plain, and ribbing the other 34 stitches.

Now knit in the rib all around for 8 rounds.

When you reach the stitches that were the 22 palm stitches cast them off, rib on till you come to them again, cast on 22 stitches, join up the round and knit in the rib for 8 rounds. Knit the 22 palm stitches plain and rib the other 34 stitches for 10 rounds.

Narrow and finish the doddie, as follows—

1st round. Knit the first two plain stitches together in the front loops of the stitches. Knit plain till you reach the last two plain stitches, knit them together in the back loops of the stitches. Knit together the first two purled stitches of the ribbing, in the front loops of the stitches, rib till you come to the last two purled stitches of the ribbing, knit these together in the back loops of the stitches.

2nd round. Knit the plain stitches and rib the rest.

Repeat the last two rounds twice.

Now narrow in every round for 7 times till you have 16 stitches left.

Remember that as you are decreasing part of the doddie in the ribbing in this part you must keep the plain stitches plain and the purled stitches purled

so as to make the ribs come into the narrowing correctly.

Darn the 16 stitches together in the weave, taking up 2 stitches from the ribbed part to 1 stitch of the plain, and fasten off the wool.

The Thumb. With another ball of wool pick up 4 stitches in the 4 cast on stitches of the gusset, take the 18 stitches on the piece of yarn and divide these 22 stitches on 3 needles—7, 7, 8—knit 6 plain rounds. In the last plain round decrease the 2 outside stitches of the 4 cast on gusset stitches. Knit in a rib of knit 2, and purl 2 for 6 rounds and cast off.

Turn the doddie inside out and pick up 26 stitches on the inside of the top edge of the opening, that is pick up 22 stitches to correspond with the 22 cast on stitches and 2 stitches each side of them, alternately knit and purl these 26 stitches for 11 rows, narrow 1 stitch at each end in the 12th and 13th rows, and cast off on the 14th row. When the doddie is on, the plain part of the knitting must face out, this makes a little flap to tuck under the open slit.

Fasten in all the ends securely. Press the doddie, turn it inside out and pick it up with a teazle brush till it is soft and fleecy.

The left hand doddie is made like the first one, only after finishing the 38 rounds of ribbing, merely reverse the directions for the first 7 rounds of the right hand doddie—that is, knit the directions for each round as though reading them backward—this will bring the thumb gusset on the other side of the palm.

DODDIES

For convenience in knitting this part, put the gusset stitches on one needle, the plain or palm stitches on another needle and all the ribbed stitches on the third needle.

The doddie measurements are:

Length of ribbing for the wrist	4	inches.
" " palm to the opening	4	"
" " top to the opening	3	"
" over-all (the opening stretches 1-inch)	12	"

HAND PROTECTORS

(WRISTLETS WITH A BACK PORTION—THESE ALLOW THE GREATEST FREEDOM TO THE HAND WHILE GIVING IT THE MOST PROTECTION)

4 steel knitting needles, pointed at both ends, size 13. 2 ounces of 4-ply double knitting wool, in khaki colour or navy blue.

Cast on 60 stitches on 3 needles, 20 stitches on each needle, join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 40 rounds.

Cast off 18 stitches, beginning with 2 purled stitches. Rib forward and backward for 38 rows, slipping the first stitch of every row.

Cast off leaving a long thread. With a bone crochet hook and the end thread pick up a chain stitch on the inside of the top, two rows down from the edge, chain 8 stitches loosely, slip stitch the chain down counting 12 stitches across the protector, chain 9, slip stitch down 12 stitches farther on, chain 8, slip stitch down 8 stitches farther on, chain 7, slip stitch down 8 stitches farther on, which will bring you to the other edge. Fasten off the wool securely.

Both protectors are made alike.

The Hand Protectors' measurements are:

Ribbing for wrist	4¼ inches.
" " back of hand	4¼ "
Length over all	8½ inches.

HAND PROTECTORS

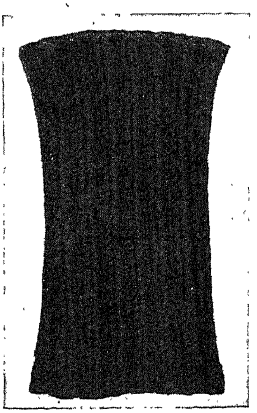
WRISTLETS

4 steel knitting needles, pointed at both ends, size 13. 2 ounces (takes 1½) 4-ply double knitting wool, khaki colour or navy blue.

Cast on 60 stitches, on 3 needles—20, 20, 20—join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches, for 5 inches.

Cast off loosely.

They can be made shorter or longer to suit.



WRISTLETS

KNITTED AND CROCHET IMPROVED GLOVES FOR MINE-SWEEPERS AND DEEP-SEA MISSION

"THE NORTH SEA DESIGN"

3 skeins of 3-ply wheeling. 1 ball of No. 5 Macramé twine. 4 steel knitting needles, size 13. 1 crochet hook, size 8.

Cast on 56 stitches, 16 on the first needle, and 20 on each of the other two.

Knit firmly in rib of 2 plain, 2 purl, for 50 rounds.

Now change to plain knitting, increasing in the 1st round as follows:—

* Knit 4, increase 1 stitch (by raising a loop from the previous stitch): repeat from * to end of round. There will now be an increase of 14 stitches, making 70 altogether.

Knit 9 rounds, then commence increasings for the thumb.

61st round. Knit 1, make 1, knit 1, make 1, plain to end of round.

(Knit 2 rounds after each increased round.)

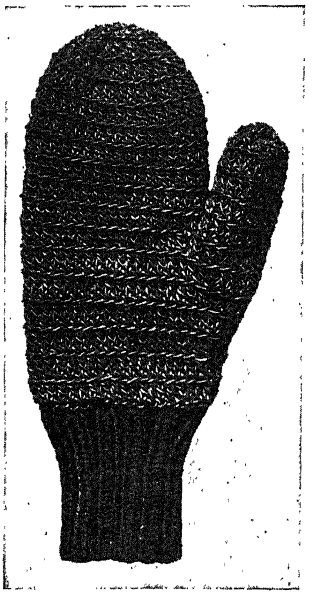
64th round. Knit 1, make 1, knit 3, make 1, plain to end of round.

67th round. Knit 1, make 1, knit 5, make 1, plain to end of round.

70th round. Knit 1, make 1, knit 7, make 1, plain to end of round.

73rd round. Knit 1, make 1, knit 9, make 1, plain to end of round.

76th round. Knit 1, make 1, knit 11, make 1, plain to end of round.



MINE-SWEEPER'S GLOVES

79th round. Knit 1, make 1, knit 13, make 1, plain to end of round.

82nd round. Knit 1, make 1, knit 15, make 1, plain to end of round.

85th round. Knit 1, make 1, knit 17, make 1, plain to end of round.

Slip these first 21 stitches on to an odd piece of

wool, and leave them for the thumb until presently.

Continue the hand. Cast 6 stitches on to the last needle over the thumb for the gusset, and knit 3 rounds.

89th round. Knit until the 6 stitches that were cast on for gusset are reached, then decrease them as follows: slip 1, knit 1, take the slipped stitch over, knit 2, knit 2 together.

90th and 91st rounds. Knit plain.

92nd round. Knit until the remaining gusset stitches are reached, then slip 1, knit 1, pass the slipped stitch over, knit 2 together.

Knit 35 rounds plain, then decrease for top of glove.

128th round. Knit every 6th and 7th stitch together. Knit 4 rounds plain.

133rd round. Knit every 5th and 6th stitch together. Knit 3 rounds plain.

137th round. Knit every 4th and 5th stitch together. Knit 2 rounds plain.

140th round. Knit every 3rd and 4th stitch together. Knit 2 rounds plain.

143rd round. Knit every 2nd and 3rd stitch together. Knit 2 rounds plain.

146th round. Knit every 2nd and 3rd stitch together. Knit 1 round plain.

148th round. Knit every 2nd and 3rd stitch together.

Place the remaining stitches on 2 needles, an equal number on each. Hold the 2 needles together side by side, break off the wool and thread a darning-needle

to the end. Pass the needle through the 1st stitch on one of the needles, then through the 1st on the other; repeat alternate stitches until they are all on the darning-needle, draw through and darn back again, making secure. Return to the thumb. Pick up the 21 stitches and divide on 2 needles, pick up 6 over the gusset on a 3rd needle.

Knit 3 rounds, then decrease the stitches that were picked up over the gusset as follows:—

Slip 1, knit 1, pass the slipped stitch over the knitted one, knit 2, knit 2 together.

Knit 2 rounds, then decrease gusset again by slipping one, knit 1, pass the slipped stitch over, knit 2 together.

Knit 25 rounds, then * knit 2, knit 2 together; repeat from * to end of round.

Knit 2 rounds, then * knit 1, knit 2 together; repeat from * to end of round.

Knit 1 round, then knit 1, knit 2 together. Draw the remaining stitches together with a darning-needle to finish thumb.

TO MAKE THE "TWINE PROTECTOR"

(Note:—Always work into the back thread only.)
Chain 46, and join in a ring with a single stitch. (This fits above the rib for cuff on glove.)

1st round. Chain 3, 1 treble into every stitch. (Commence every round with 3 chain, and always join with a single stitch.)

2nd round. 21 treble, increase by working 3 stitches

into 1, treble to end of round. (The increase begins the thumb.)

3rd round. 21 treble, 2 stitches into 1, 1 treble, 2 stitches into 1, trebles to end.

4th round. 22 trebles, increase, 1 treble, increase, trebles to end.

5th round. 15 trebles, then join the 16th treble to the 34th treble with the same stitch, leaving 17 stitches for the thumb, 1 extra treble into the 34th stitch, trebles to end.

6th round. Work trebles all around, leaving thumb stitches.

7th, 8th and 9th rounds. Repeat the 6th.

10th round. Decrease, by working 2 trebles into 1, 14 trebles, decrease, 14 trebles, decrease, and join with a single.

11th round. * Decrease, 1 treble; repeat from * to end of round.

12th round. 2 chain (to count as 1 double crochet), * decrease, 1 double crochet; repeat from * to end of row.

(Note:—Owing to the difference in crocheting, it may be necessary to work an extra round in trebles. If so, repeat the 6th round for 5 times inclusive, instead of 4.)

By the time the 12th round is crocheted, the top of glove should be reached.

Place both sides together, and join by single stitch, missing the first and last.

Return to the thumb, join twine.

1st round. 3 chain, 16 treble, and join.
2nd, 3rd, 4th and 5th rounds. Repeat the 1st round.
6th round. 3 chain, * decrease, 1 treble; repeat from * to end of round, and join as usual.

Place both sides together, and join as top of glove.

This protector should fit easily over glove.

Work all the ends of twine in, and sew them down securely.

Place the protector over glove and sew it firmly at every round, commencing above the 2 plain, 2 purl, at wrist.

The Mine-Sweeper's Glove measurements are:

Length of ribbing for the wrist ..	4 inches.
" " crocheted protector ..	8 "
" " thumb (measured from the gusset inside)	3 "
Length over all.....	12 inches.

THE "MELLOR" GLOVE FOR MINE-SWEEPERS-FOR HAULING IN STEEL CABLES, ROPES, NETS, ETC.

(THE DIRECTIONS FOR THE FOLLOWING GLOVE ARE FROM THE MISSIONS TO SEAMEN, 11, BUCKINGHAM STREET, STRAND, LONDON, W. C. 2)

THE CLOTH GLOVE

Any firm, durable, woollen cloth is suitable, and any dark color. Cut two pieces of cloth like the pattern. Crochet, or sew, all round each piece separately with blanket stitch, about ⅜ of an inch deep, using strong thread or waterproof twine. Then seam the two pieces together on the right side with knitting cotton, making the joinings at opening secure. Place the protector over the cloth and stitch the top and along each rib and bottom (catching as many strands as possible to prevent unravelling if a strand should be cut) with stout thread or knitting cotton.

Do not let the protector draw in the cloth.

CROCHETED TWINE PROTECTOR

1 ball No. 4 Cotton Twine and a crochet hook, size 8.

Work 46 chain and join into a ring with a single stitch, to make which pass the hook through a stitch,

draw a loop through it and the loop already upon the needle. Work loosely to allow for shrinking when wet.

1st round. 3 chain to start. Finish the round with treble stitch. After the 1st round, always work into the back strand only of each stitch in the preceding round. Commence every round with 3 chain, and always join the round by working 1 single stitch into the last of the 3 chain.

2nd and 3rd round. 3 chain to start, and finish the rounds with treble stitch.

4th round. 3 chain, 21 treble, increase by working 3 into 1, finish the round. (The increase begins the thumb.)

5th round. 3 chain, 21 treble, 2 into 1, 1 treble, 2 into 1, and finish.

6th round. 3 chain, 22 treble, 2 into 1, 1 treble, 2 into 1, and finish.

7th round. 3 chain, 15 treble, then join 16th treble to 34th treble, with same stitch, leaving 17 trebles for the thumb. 1 more treble into 34th stitch, and finish round.

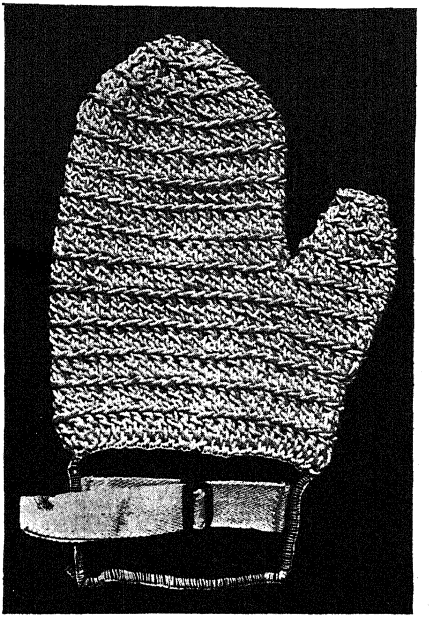
8th round. 3 chain, treble all round, leaving thumb stitches.

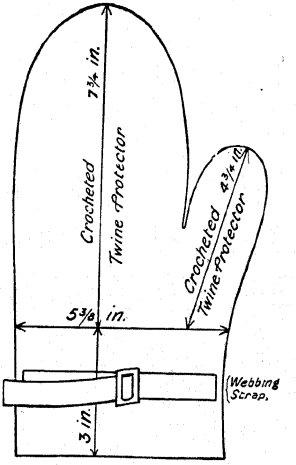
9th, 10th and 11th rounds. Same as 8th.

12th round. 3 chain, decrease, 14 treble, decrease, 14 treble, decrease and join.

13th round. 3 chain, * decrease, 1 treble, repeat from * to end of round and join.

14th round. 2 chain (to count as 1 double crochet),





'MELLOR'' MINE-SWEEPER'S GLOVE

decrease, 1 double crochet, repeat from * to end of round and join.

15th round. Place both sides together, and join by single stitch, missing first stitch and last.

For the thumb. Join the twine next to the palm.

1st round. 3 chain, 16 treble and join.

2nd round. 3 chain, 7 treble, decrease, 7 treble, and join.

3rd round. 3 chain, * decrease, 1 treble, repeat from * to end of round.

4th round. Place both sides together, and join by single stitch, missing first stitch and last.

Work all ends in and out well on the wrong side to prevent them springing out.

This protector should fit easily over the cloth glove.

To finish the gloves:—

2 1-inch patent buckles and 1 yd. of strong cotton binding tape, 1-inch wide.

Sew the tape and buckles on as in the illustration.

PLAIN JERSEY
(FOR 36–40-INCH CHEST)

1½ lbs. of 3-ply wheeling, an absolutely fast and reliable navy blue which will stand sea-water. 2 bone knitting needles, size 7, and 4 bone knitting needles, size 8, pointed at both ends—a loose knitter should use needles a size finer, i.e., sizes 8 and 9.

For a Jersey in a smoother finish use 4-ply double knitting wool.

THE BACK:—Cast 96 stitches on one, size 7, needle.

1st row. Knit 4, * purl 2, knit 2, repeat from * to the end of the row.

(Always slip the first stitch throughout.)

Repeat this row 20 times.

22nd row. Knit plain.

23rd row. Knit 2, purl to the last 2 stitches, knit these.

Repeat these last 2 rows until the work measures 30 inches from the commencement.

Cast off 30 stitches at each end for the shoulders, and leave the 36 stitches at the centre on a size 8 needle for the collar.

THE FRONT:—Work exactly like the back.

THE SLEEVES:—Cast on 76 stitches.

1st row. Knit 4, * purl 2, knit 2, repeat from * to the end of the row.

Repeat this row 30 times.

32nd row. Knit plain.

PLAIN JERSEY

33rd row. Knit 2, purl to the last 2 stitches, knit these.

These last 2 rows are to be repeated throughout the sleeve.

Increase one stitch at the beginning and end of the 7th row, then increase every 6th row, until there are 7 increasings at each side of the work. Knit without increasing until the under-arm seam measures 18 inches (without cuff).

Cast off loosely.

To Make Up the Jersey. Sew up the shoulder and side seams, leaving 9 inches for the arm-hole. Sew up the seams of the sleeves, and fix the latter in the arm-holes, placing seam to seam.

The Collar. With the size 8 needles, knit 1 and purl 1 into each of the stitches that were left at the neck. Knit (in rounds) in a rib of knit 2 stitches and purl 2 stitches for 6 inches. Cast off.

NAVAL JERSEY
(FOR 36–40-INCH CHEST)

3 long bone knitting needles, with tips at one end, size 8. 1 lb. 6 ounces of 4-ply double knitting wool, in fast navy blue colour. 5 dark blue, or black, bone buttons.

Cast on 100 stitches on one needle.

After the first row slip the 1st stitch of every row; on the knitting rows, wool in front, slip 1 with a purling slip, wool back and knit; on the purling rows, slip 1 with a purling slip, the wool *is* in front; this gives a chain stitch edge throughout for sewing up the seams.

Knit forward and backward in a rib of knit 2 stitches and purl 2 stitches for 22 rows = 3 inches.

Next row, knit plain.

2nd row, purl.

Repeat these last 2 rows till the work measures 18 inches from the ribbing.

On the next purling row, purl 50 stitches, cast on 10 stitches. Turn, and with the third needle knit back. Alternately purl and knit these 60 stitches for 64 rows = 9 inches.

On the last knitting row, cast off the first 10 stitches, leaving 50 stitches on the needle. Leave this needle and return to the 50 stitches on the other needle, or left side of the Jersey; alternately purl and knit on these 50 stitches for 13 rows = 2 inches.

NAVAL JERSEY

On the 14th (knitting) row, knit to within the last 7 stitches on the needle, cast off 4, knit 3. Turn.

Purl 3, cast on 4 and purl to the end of the row.

Continue knitting and purling the rows for 14 rows = 2 inches, then on the next and 15th (knitting) row make another button-hole as above.

Knit and purl for 14 rows.

Make another button-hole.

Knit and purl for 14 rows.

Make another button-hole.

You will now have made 4 button-holes all told and have knitted 63 rows.

Knit 1 row.

Purl 1 row.

On the next row, knit 30, slip the remaining 20 stitches off on a piece of yarn and leave this side.

Return to the 50 stitches on the right side of the Jersey.

Purl 30 stitches, slip off the next 20 stitches on a piece of yarn, cast on 40 stitches, and on the same needle purl the 30 stitches on the left side of the Jersey.

You will have 100 stitches again on one needle. Alternately knit and purl these 100 stitches till you have done as many rows as there are in the plain part of the front half.

Then knit in a rib of knit 2 stitches and purl 2 stitches for 22 rows = 3 inches, and cast off.

For the Collar Band, 2 Inches Deep. Take one needle and pick up the 20 slipped off stitches of the right side of the front and 1 stitch on the shoulder.

With a second needle pick up 1 stitch in each of the 40 cast on stitches of the back. With the third needle pick up 1 stitch on the shoulder and the 20 slipped off stitches of the left side. You will have 82 stitches on the needles. Knit in a rib of knit 1 stitch and purl 1 stitch for 5 rows.

Then, on the next forward row, rib to within the last 7 stitches of the left side, cast off 4, rib 3. Turn.

Rib 3, cast on 4 and rib the rest of the row.

Knit in the rib for 6 rows and cast off on the 13th forward row.

Work the button-holes round with wool like an ordinary button-hole.

SLEEVES. Cast on 48 stitches.

Knit forward and backward in a rib of knit 2 stitches and purl 2 stitches for 22 rows = 3 inches.

Next row, knit plain.

2nd row, purl.

Repeat these last two rows for 20 inches, increasing 1 stitch at the beginning and the end of every 4th row and cast off.

Press the work.

Sew down the 10 cast on stitches of the right side underneath the button-hole strip.

Sew up the side seams of the Jersey by over-handing them together on the wrong side with wool, placing the stitches exactly opposite each other; leave 10 inches each side at the top of an arm-hole.

Sew up the sleeves in the same manner and sew them into the arm-holes.

Sew on the buttons to correspond with the button-holes.

Length of Jersey ..... 30 inches.
" " Sleeve .....23 "

COAT SWEATER

2 long bone knitting needles, with tips at one end, size 8, and 4 each bone knitting needles, pointed at both ends, sizes 8 and 12. 2 lbs. 6 ounces of 4-ply double knitting wool, in khaki colour or navy blue. 5 buttons to match.

FRONT. Cast on 90 stitches on one size 8 needle, and knit in a rib of knit 1 stitch and purl 1 stitch for 20½ inches, then cast off 3 stitches at the beginning of the row, and knit 2 stitches together at the end of the row.

Repeat this row 3 times, with 1 row knitted in the rib after each.

* Knit 2 stitches together at the beginning and end of 1 row.

Knit in the rib without decreasing for 2 rows.

Repeat from * till there are 42 stitches left on needle, after the fourth decreased row narrowing only at the neck. * Then at the neck edge knit together the first 2 stitches of 1 row and at the armhole end of the row cast on 1 stitch.

Knit in the rib for 2 rows and repeat from * till the length over all is 28 inches. Cast off.

Make another piece like this.

BACK. Cast on 120 stitches and knit in the rib for 20½ inches.

Still knitting in the rib cast off 3 stitches the beginning of each row for 3 rows at each side.

Rib for 4½ inches without decreasing. Widen 1 stitch at the beginning and end of every 3rd row for 2 inches, and cast off.

SLEEVES. Cast on 64 stitches, on three size 12 needles (for the cuff), join them in a round and knit in a rib of knit 1 stitch and purl 1 stitch for 4½ inches.

Then change to the size 8 needles, increasing 1 stitch at the beginning and end of every 5th round, and knitting 1 plain stitch for a seam stitch between the increasings until you have 96 stitches on the needles.

Knit in the rib for 6 inches (without increasing), then increase at the beginning and end of every 6th round and knitting the seam stitch plain, until there are 116 stitches on the needles.

Cast off 8 stitches at the beginning of the round and repeat this 3 times, knitting in rows.

Knit 2 stitches together at the beginning and end of each row until 26 stitches are left.

Cast off.

BORDER. Cast on 10 stitches on one size 12 needle.

Knit plain for 3½ inches = 21 double rows.

Make a button-hole as follows: Knit 3, cast off 4, knit 3. Turn. Knit 3, cast on 4, knit 3. Make 4 button-holes like this, spacing them 3½ inches apart.

Knit plain till the strip is long enough to go all around the fronts and neck of the coat sweater.

Work around the button-holes with wool like an ordinary button-hole.

POCKETS. Cast on 46 stitches on one size 8 needle. Knit in the rib for 4 inches.

Change to the size 12 needles and knit plain, knitting together every 9th and 10th stitch for 1 row.

Knit plain for 12 double rows all told and cast off.

To put the coat sweater together, sew up the under-arm and shoulder seams. Sew in the sleeves and sew on the border, placing the button-holes on the left side. Sew on buttons to correspond with the button-holes and sew on the pockets, placing them 4 inches up from the bottom and 3½ inches in from the finished edge.

Do not press the coat sweater as it would flatten out the rib.

COAT SWEATER

IN A LIGHTER WEIGHT

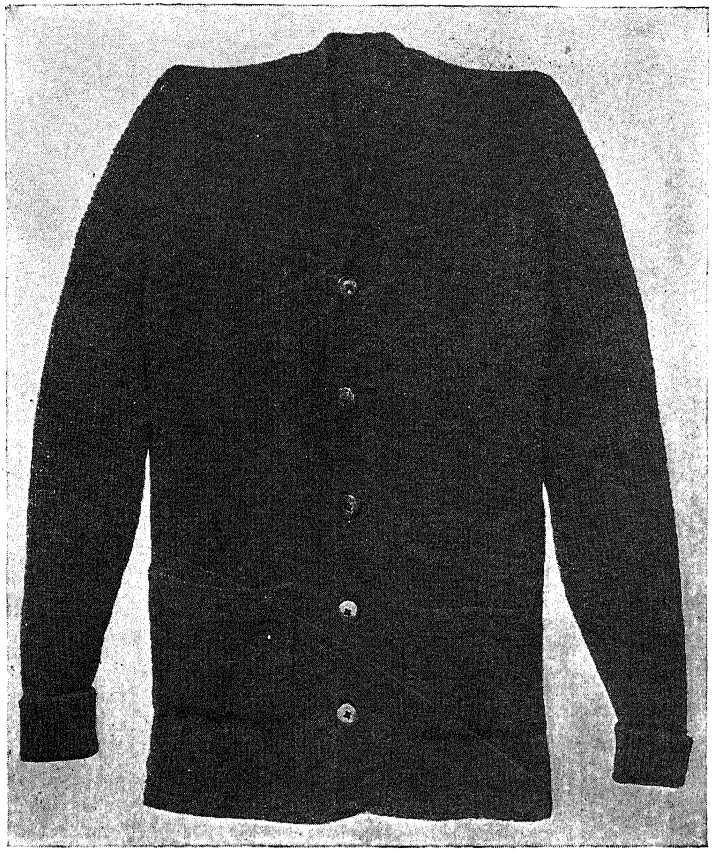
2 long bone knitting needles, with tips at one end, size 11, and 4 bone knitting needles, pointed at both ends, size 11. 1-lb. of 5-ply fingering. 7 buttons to match the wool.

LEFT HALF OF THE FRONT. Cast on 76 stitches on one size 11 needle. Knit in a rib of knit 1 stitch and purl 1 stitch for 20 rows = 2 inches.

Knit in 1 row plain and 1 row purl till the work measures 19 inches over all.

On the next purling row, purl the first 2 stitches together.

2nd row. Knit, cast off the first 3 stitches.
3rd " Purl.
4th " Knit, cast off the first 3 stitches.
5th " Purl the first 2 stitches together.
6th " Knit, cast off the first 3 stitches.
7th " Purl.
8th " Knit, cast off the first 3 stitches.
9th " Purl the first 2 stitches together.
10th " Knit, cast off the first 3 stitches.
11th " Purl the last 2 stitches together.
12th " Knit the first 2 stitches together.
13th " Purl 2 stitches together at each end of the row.
14th " Knit the first 2 stitches together.



COAT SWEATER

Repeat the 11th and 12th rows, then continue alternately purling and knitting the rows, and purl the first 2 stitches together of every fourth (purling) row until there are 39 stitches left. After that continue the decreasing and in the same rows increase 1 stitch at the armhole end, until the work measures 29 inches over all. Cast off.

For making the second, or right piece, reverse the directions, that is, change knit to purl and purl to knit.

For the Back. Cast on 100 stitches. Knit in a rib of knit 1 stitch and purl 1 stitch for 2 inches.

Knit and purl the rows alternately for 19 inches.

Knit or purl the first and last 2 stitches together for 6 rows.

Knit and purl the rows for 4½ inches.

Cast on 1 stitch at the end of each row for 2 inches.

Cast off.

Length of back 29 inches.

For the strip, which forms a selvedge finish, cast on 18 stitches and knit in a rib of knit 1 stitch and purl 1 stitch till you reach the first button-hole, 4 inches up, then knit 6 stitches, cast off 6 stitches, knit 6 stitches. Turn. Knit 6, cast on 6, and knit 6. Repeat this every 4 inches till five button-holes are formed. Then continue the strip for 46 inches, or enough to go all round the neck and fronts of the sweater.

Cast on 42 stitches for each pocket.

Knit and purl the rows for 3½ inches.

Knit in a rib of knit 1 and purl 1 for 1 inch. In

the centre, make a button-hole of 6 stitches, as above, knit in the rib for 1 inch, then cast off.

SLEEVES. Cast on 90 stitches, on 3 needles, size 11, join them in a circle and knit in a rib of knit 1 stitch and purl 1 stitch for 4 inches.

Increase 2 stitches every 6th round, 1 at the beginning and 1 at the end of the round, 6 times.

Knit plain for 8 inches.

Increase 2 stitches every 6th round 6 times.

Knit plain for 6 rounds.

Cast off 20 stitches. Knit plain and cast off the last 20 stitches of the round.

On 2 needles in every alternate row, knit together the 2 first and 2 last stitches for 42 rows.

Then cast off the remaining 32 stitches.

Inside arm to measure 20 inches.

Outside arm to measure 25 inches.

Sew up the under-arm seams and the shoulder seams. Sew in the sleeves. Sew on the pockets, selvedge edge and buttons, and press the work well. The button-holes must be worked around with wool like an ordinary button-hole.

KNITTED WAISTCOAT

IN BLOCK STITCH. FRONTS ONLY

2 long steel knitting needles, size 13. 10 balls of 6 thread Thibet Llama wool in the natural colour. 5 buttons.

Cast on 75 stitches.

1st row. Slip 1 stitch, knit 2 stitches, purl 3 stitches, * knit 3 stitches, purl 3 stitches and repeat from * to the end of the row.

2nd row. Slip 1, purl 2, knit 3, * purl 3, knit 3 and repeat from * to the end of the row.

3rd row. The same as the 1st row.

4th row. The same as the 3rd row.

5th row. The same as the 2nd row.

6th row. The same as the 4th row.

Repeat these 6 rows till the strip is 26 inches long.

Cast off and make the other half like it.

The knitted fronts must be cut to the correct size and shape and slashed for pockets, and the cut edges stitched to prevent ravelling. It is best to have a tailor do this, putting in a twilled flannel back, and binding the fronts and pockets with self-coloured cloth or silk braid.

The back can be made warmer by lining it with chamois leather.

Thibet Llama wool is very soft and thick and gives the work a velvety finish, but any heavy wool will do for the waistcoat fronts.

Knitted sleeves can be made if wished. Follow the directions for Plain Jersey sleeves (see page 97). Cast on 72 stitches and knit the cuff in a rib of knit 3 stitches and purl 3 stitches.

KNITTED WAISTCOAT IN BLOCK STITCH

THREE FANCY STITCHES FOR WAISTCOATS

(1) *Cobble Stitch.*

Cast on an uneven number of stitches.

1st row. Slip 1 stitch, * purl 1 stitch, knit 1 stitch, purl 1 stitch, knit 1 stitch and repeat from * to the end of the row.

Repeat this row for all the work.

(2) *Cross Stitch.*

Cast on an even number of stitches.

1st row. * Knit 1 stitch, slip 1 stitch with a purling slip, but keeping the thread back, and repeat from * to the end of the row.

2nd row. * Knit 1, purl 1, and repeat from * to the end of the row.

Repeat these 2 rows for all the work.

(3) *Diamond Stitch.*

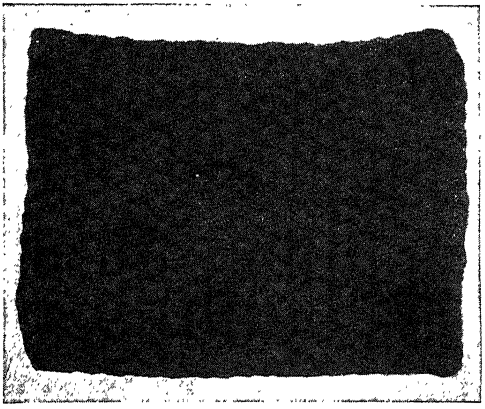
Cast on a number of stitches divisible by 4.

1st row. Slip 1 stitch, knit 1, * put the wool in front of the needle and slip 1, knit 1, and repeat from * to the end of the row.

2nd row. Slip 1 stitch, * knit the stitch under the crossed-over stitch and slip the crossed-over stitch on to the right hand needle without knit-

ting it, knit 1. Repeat from * to the end of the row.

3rd row. Slip 1 stitch, * put the wool in front of the needle and slip 1, knit the next stitch and the crossed-over stitch together. Repeat from * to the end of the row and knit 1.

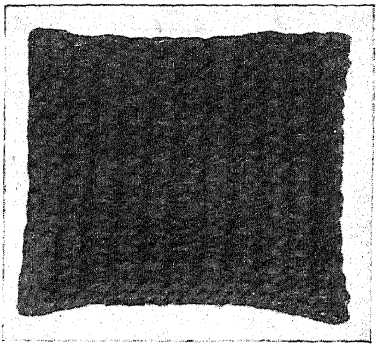


COBBLE STITCH

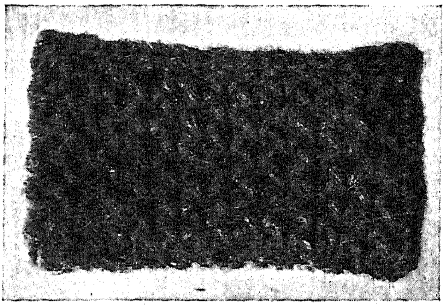
4th row. Same as the 2nd row, only begin slip 1, knit 1, then knit the stitch under the crossed-over stitch and slip the crossed-over stitch on to the right-hand needle without knitting it. Knit 1, etc.

5th row. Slip 1. * Knit the next stitch and the slipped stitch (or crossed-over stitch) together, wool in front and slip 1. Repeat from * to the end of the row.

Repeat 2nd, 3rd, 4th, and 5th rows for all the work.



CROSS STITCH



DIAMOND STITCH

BODY BELT
(SHAPED)

2 bone knitting needles, with tips at one end, size 8. 4 ounces of 4-ply fleecy wool, in the natural undyed shade.

Cast on 40 stitches.

Slip the first stitch of every row with a knitting slip and knit plain forward and backward for 30 double rows.

61st row. Slip 1, knit 9, throw the wool over the top of the needle and knit plain to the end of the row.

62nd row. Slip 1 and knit plain to the end of the row, knitting off the thrown-over wool as a stitch.

Repeat these last two rows till you have 55 stitches on one needle.

Knit 30 plain double rows.

151st row. Slip 1, knit 9, knit the 11th and 12th stitches together, knit plain to the end of the row.

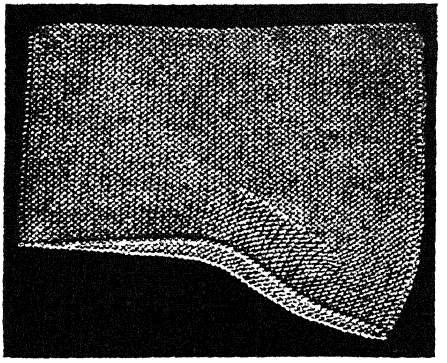
152nd row. Slip 1 and knit plain to the end of the row.

Repeat these last two rows till you have 40 stitches on one needle.

Knit plain for 30 double rows.

Cast off and sew up the edges by overhanding them together with wool. Press the work.

This makes a medium sized belt, shaped down over the abdomen. It will stretch round a 32-34 inch waist. If wanted a larger size, cast on 42 stitches,



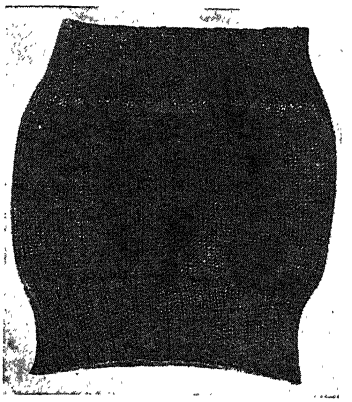
BODY BELT (SHAPED)

follow the above directions, knitting 4 more double rows before you widen, after you widen and after you narrow. This will stretch round a 34-38 inch waist.

BODY BELT
(CIRCULAR)

4 bone knitting needles, pointed at both ends, size 10. 3½ ounces of 4-ply Jaeger camel's hair wool in the natural colour.

Cast on loosely 160 stitches on three needles—52, 52, 56—join them in a circle and knit in a rib of



BODY BELT (CIRCULAR)

knit 2 stitches and purl 2 stitches for 3 inches, 22 rounds.

Knit plain for 6 inches, 50 rounds.

Knit in the rib for 3 inches, 22 rounds, and cast off very loosely.

Press the work.

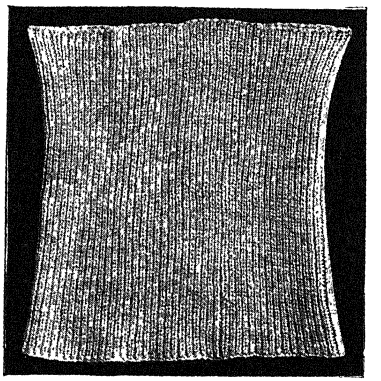
This belt will stretch round a 32-38 inch waist. It measures 12 inches in depth.

The Jaeger wool is very nice for body belts, as it is particularly warm and soft—it is procurable at any Jaeger shop.

BODY BELT
(RIBBED)

4 bone knitting needles, pointed at both ends, size 8, and 4 bone knitting needles, pointed at both ends, size 10. 4 ounces of 4-ply fleecy, or 4-ply petticoat wool, in white, grey, or natural colour.

Cast on 180 stitches very loosely, on three size 10



BODY BELT (RIBBED)

needles. Join them in a circle and knit in a rib of knit 1 stitch and purl 1 stitch for 45 rounds = 5½ inches.

Change to the size 8 needles and knit in the rib for 45 rounds = 6½ inches, and the belt measures 12 inches in depth.

Cast off very loosely.

This belt will stretch round a 32-38 inch waist.

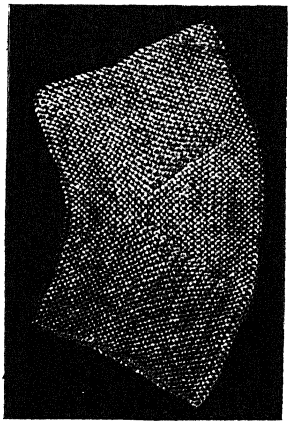
Using larger sized needles for the last part makes he belt give more at the lower edge over the hips vhile fitting snugly at the top.

If preferred the belt can be knitted flat, on two eedles tipped at one end. Knit, do not slip, the irst stitch of every row and sew the belt together n the wrong side by overhanding with wool, placing he stitches exactly opposite each other.

KNEE CAPS

2 bone knitting needles, with tips at one end, size 9. 4 ounces of 4-ply fleecy wool, natural colour or white.

Cast on 44 stitches and knit plain forward and backward for 12 double rows. Knit, do not slip the



KNEE CAPS

1st stitch of every row, this makes the edges more elastic.

25th row. Knit 21 stitches, throw the wool over the top of the needle. Knit 2 stitches, throw the wool over the top of the needle and knit plain to the end of the row.

26th row. Knit plain, knitting off the crossed-over wool as stitches.

Repeat these last two rows, in the increased rows always increasing after the 21st stitch from the beginning and before the 21st stitch from the end, till you have 68 stitches on one needle.

Knit plain for 12 double rows.

73rd row. Knit plain till you come to the 21st and 22nd stitches, knit them together. Knit on plain till you come to what are the 21st and 22nd stitches *counting from the other end.* Knit them together. Knit plain to the end of the row.

74th row. Knit plain.

Repeat these last 2 rows till you have 44 stitches on one needle. Knit plain for 12 double rows.

Cast off and sew up the ends by overhanding them together with wool.

Press the work.

The Knee Cap measurements are:

Width across (centre) ..... 5¾ inches.
Length ..... 9 "

PLAIN SOCKS

5 steel knitting needles, size 14. 5 ounces of 4 or 5-ply fingering, in natural colour, grey, khaki, or navy blue.

These directions are based upon the scale of 11-12 rounds of plain knitting to the inch, which is what a medium knitter will knit with size 14 needles; but a tight knitter will knit from 1 to 2 rounds more to the inch, and a loose knitter will knit from 1 to 2 rounds less. Therefore it will be necessary to measure the individual work and alter the number of rounds given in the directions accordingly.

The socks are worked on 3 needles, using a 4th to knit with, but a 5th needle is required for picking up the gusset stitches.

By taking needles one size larger or smaller than size 14, the socks can be made one size larger or smaller either way.

Note that all directions as to *right* and *left,* and the numbering of the needles, are given with the seam stitch and work facing you.

THE SET

Cast on 80 stitches loosely on 3 needles, 28 stitches on the 1st needle, 24 stitches on the 2nd needle, and 28 stitches on the 3rd needle.

Join this foundation row of stitches in a circle.

being careful not to twist it in doing so. Take both ends of the yarn and knit 2 stitches, purl 2 stitches. Drop the short end of the yarn and continue working in ribs of knit 2 and purl 2 for 45 rounds = 4 inches. By holding the yarn a little tighter in ribbing than you do in plain knitting, the ribs will be smoother.

Having completed 45 rounds of ribbing, knit 1 plain round, in which you narrow as follows:—

FIRST PLAIN ROUND

Knit every 7th and 8th stitches together in the front loops of the stitches; do this 9 times; then knit the succeeding 3rd and 4th stitches together; do this twice. This will bring you to the end of the first plain round and you will have decreased 11 stitches, leaving 69 stitches for the leg and ankle. Knit 90 plain rounds, which will equal 8 inches and bring you to the ankle, where you divide the stitches for the instep and heel, as follows:—

BACK PART OF THE HEEL

On the 91st plain round, or last round of the ankle, knit to within 17 stitches of the end of needle No. 3. Take the 5th needle and knit 17 stitches. On the same needle knit off 18 stitches from needle No. 1. Tie a bit of thread in the last stitch as you slip it off the needle. This marks the last stitch to be picked up for the right gusset.

You now have 35 stitches on one needle. These

are the heel stitches, and this is the first row of the back of the heel. Note that the last 17 stitches of the last plain, or ankle, round are the first 17 stitches of the first row of the back of the heel. The other 34 stitches, or instep stitches, are to be divided upon 2 needles and left until the heel is knitted and turned.

OTHER ROWS OF THE BACK OF THE HEEL

2nd row. Turn the work, slip 1 (slipping as though you were going to purl the stitch. This is called the purling slip and must be used on the purled rows of the back of the heel), purl 34. Tie a bit of thread in the last purled stitch as you drop it off the needle. This marks the first stitch to be picked up for the left gusset.

3rd row. Turn the work, slip 1 (slipping as though you were going to knit the stitch. This is called the knitting slip and must be used on the knitting rows of the back of the heel), knit 34.

4th row. Turn the work, slip 1, purl 34. Repeat 3rd and 4th rows of heel until you have knitted 29 rows and have 15 slipped stitches on each side of the heel to pick up for the gussets. Always slip the first stitch of each row, whether it be knitted or purled. Turn on the 30th (purling) row, as follows:

TO TURN THE HEEL

1st row. Slip 1, purl 14, purl the next 2 stitches together, purl 3, purl the next 2 stitches to-

gether. Stop right here; do not knit any further on this row.

2nd row. With the stitches as they are, turn the work, slip 1 (with a knitting slip on the knitted rows and a purling slip on the purled rows), knit 4, knit 2 stitches together in the *back loops of the stitches.*

3rd row. Turn the work, slip 1, purl 5, purl 2 stitches together.

4th row. Turn the work, slip 1, knit 6, knit 2 stitches together.

5th row. Turn the work, slip 1, purl 7, purl 2 stitches together.

6th row. Turn the work, slip 1, knit 8, knit 2 stitches together.

7th row. Turn the work, slip 1, purl 9, purl 2 stitches together.

8th row. Turn the work, slip 1, knit 10, knit 2 stitches together.

9th row. Turn the work, slip 1, purl 11, purl 2 stitches together.

10th row. Turn the work, slip 1, knit 12, knit 2 stitches together.

11th row. Turn the work, slip 1, purl 13, purl 2 stitches together.

12th row. Turn the work, slip 1, knit 14, knit 2 stitches together.

13th row. Turn the work, slip 1, purl 15, purl 2 stitches together.

14th row. Turn the work, slip 1, knit 16, knit 2 stitches together.

15th row. Turn the work, slip 1, purl 16, purl the last 2 stitches together.

16th and last row. Slip 1, knit 5, knit the next 2 stitches together in the back loops of the stitches, knit 1, knit the next 2 stitches together in the front loops of the stitches, knit 6, knit the last 2 stitches together in the back loops of the stitches.

Your heel is now turned and reduced to 16 stitches. Take the 5th needle and knit up a stitch in each one of the 15 slipped stitches on the *left* side of the heel for the *right* gusset (with the seam stitch and work facing you). This is called picking up the gusset stitches. The knitted-up stitch must be taken in the lowest loop of all, which is the loop of the slipped stitch farthest from you.

On needle No. 2 knit off the 34 instep stitches. With your extra needle knit up a stitch in each of the 15 slipped stitches on the *right* side of the heel for the *left* gusset. On this same needle knit off the first 8 stitches on the heel needle and transfer the last 8 stitches on the heel needle to needle No. 1. You now have 80 stitches for the round, divided as follows:

23 stitches on needle No. 1, 34 stitches on needle No. 2, 23 stitches on needle No. 3. (Although you no longer have a centre heel stitch as such, you still reckon from the plain stitch it has become, for convenience in numbering the rounds and designating the needles.) Knit 2 plain rounds. Be careful to

hold the yarn tightly at the V of the gusset, otherwise there will be a hole there.

TO NARROW FOR THE GUSSETS

1st needle. Knit plain to within the last 2 stitches on the 1st needle. Knit 2 stitches together in the front loops of the stitches.

2nd needle. Knit plain.

3rd needle. Knit 2 stitches together in the back loops of the stitches. Knit plain to the end of the needle. Knit 2 plain rounds. Repeat the above narrowing 5 times, knitting 2 plain rounds between the narrowing rounds. You will have 6 narrowings, all told, having decreased 12 stitches, which leaves 68 stitches to knit the foot on. Knit 55 plain rounds for the foot, which will equal 5 inches.

TO NARROW FOR THE TOE

1st needle. Knit to within 4 stitches of the end of the needle. Knit 2 stitches together in the back loops of the stitches. Knit 2.

2nd needle. Knit 2, knit 2 stitches together in the front loops of the stitches. Knit plain to within 4 stitches of the end of the needle. Knit 2 stitches together in the back loops of the stitches. Knit 2.

3rd needle. Knit 2, knit 2 stitches together in the front loops of the stitches. Knit plain to the end of the needle. This is the first narrowing round.

Knit 2 plain rounds. Narrow again as above. Knit 2 plain rounds. Narrow. Knit 2 plain rounds.

Narrow. Knit 2 plain rounds. Narrow. Knit 1 plain round. Narrow. Knit 1 plain round. Narrow. Knit 1 plain round. Narrow. Knit 1 plain round. Narrow 5 rounds in succession. You will have decreased 52 stitches in 25 rounds and have reduced your sock to 16 stitches. With the last narrowing round all the plain 16 stitches will have come in together at the tip of the toe, forming the pattern. Knit 1 plain round. This is the 26th and finishing round. Knit to the end of needle No. 1 and transfer the 4 stitches on needle No. 3 to the same needle, this needle now becomes your back needle and needle No. 2 becomes your front needle. Thread your yarn through a coarse, blunt darning, or tapestry, needle, and weave the stitches together, as follows:

This is called darning in the weave, or Swiss darning:

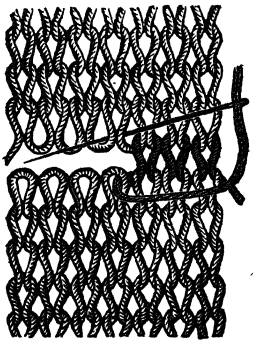


DIAGRAM OF DARNING IN THE WEAVE

Holding the sock in your left hand, with your first finger between the two needles and the darning-needle in your right, pass the darning-needle, as if purling, from the inner side through the first stitch on the front needle (the row nearest to you), leaving the stitch on the needle. Then pass the darning-needle as if purling through the first stitch on the back needle (the row furthest from you), again leaving the stitch on the needle. Next pass it as if knitting through the first stitch on the front needle (previously passed through as if purling), and take the stitch off. Then pass the darning-needle, as if purling, through the second stitch of the same row, leaving that stitch on the needle. Next pass it as if knitting, through the first stitch of the back needle (previously passed through as if purling), and take the stitch off. Pass as if purling through the second stitch of the same row, leaving that stitch on the needle. Next pass the darning-needle as if knitting through the second stitch of the front needle, taking that stitch off; pass as if purling through the third stitch of the same row, and leave it on, etc. Continue thus until all the stitches are used up. Finish off by running the darning needle up and down the work a couple of times, as if darning.

The main principle of this method of finishing is as follows:—

1. (Front needle) Purl and leave on.
2. (Back ") Knit and take off.
3. (" ") Purl and leave on.
4. (Front ") Knit and take off.

PLAIN SOCKS

5. (Front needle) Purl and leave on.
6. (Back ") Knit and take off, etc.

LEG OF SOCK

Ribbing	4 inches
Leg	8 "
Back of heel	3 "
Total length of leg	15 inches.

FOOT OF SOCK

Heel measured across and gusset measured long	3½ inches.
Foot	5 "
Narrowings for toe	2½ "
Total length of foot	11 inches.

The size of the foot may be increased or decreased ½ inch by knitting 5 more rounds on the foot part, or by leaving 5 rounds out.

A reinforced heel can be knitted as follows:—

On the 3rd row of the back of the heel, * slip 1, knit 1, and repeat from * to the end of the row.

2nd row. Slip 1 and purl back.

Repeat these 2 rows for all the back of the heel.

Or, take a ball of 2-ply wool and knit it in on the back of the heel and the turn of the heel, by holding it and your knitting wool together.

Note that you need an even number of stitches

for the first reinforced heel, therefore knit the back of this heel on 36 stitches, by picking up an extra stitch in the 18th stitch on the first forward row of the back of the heel, and on the 29th row lose this extra stitch by knitting it and the stitch to the left of it together, in order to get 35 stitches to turn the heel on.

Press the socks on a sock block.

HEAVIER SOCKS

IN 6-PLY FINGERING

Size 12 needles and 5 ounces of the wool.

Scale: 10 rounds of knitting = 1 inch.

Cast on 68 stitches, on three needles—24, 24, 20—join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 40 rounds = 4 inches.

1st plain round. Knit together every 11th and 12th stitches 5 times. Knit together every 3rd and 4th stitches twice. You will have decreased 7 stitches in the round and have 61 stitches left on the needles for the leg. Knit 80 plain rounds = 8 inches.

Divide the stitches at the ankle, 30 for the instep, 31 for the heel. On these 31 stitches alternately knit and purl 25 rows for the back of the heel, slipping the first stitch of every row. Turn the heel on the 26th (purling) row, on the same principle as for the heel of a plain sock, that is, slip 1, purl 12, purl 2 together, purl 3, purl 2 together. Turn, etc. Reduce the heel to 14 stitches. Pick up 13 stitches on each side of the back of the heel for the gussets. You will have 70 stitches on the needles for the round. Knit 2 plain rounds. Decrease 10 stitches, all told, for the gussets, as you do for a plain sock, knitting 2 plain rounds between the decreasing rounds. After the last decreasing round you will have 60 stitches left on the needles for the foot. Knit 55 plain rounds = 5½ inches. In the next

HEAVIER SOCKS, IN 6-PLY FINGERING

round decrease 4 stitches exactly as you do for a plain sock.

Knit 2 plain rounds.
Decrease.
Knit 2 plain rounds.
Decrease.

Knit 2 plain rounds.
Decrease.
Knit 1 plain round.
Decrease.
Knit 1 plain round.
Decrease.
Knit 1 plain round.
Decrease 5 rounds in succession.

You will have decreased 44 stitches in 20 rounds and have 16 stitches left on the needles. Knit 1 plain round and darn up the remaining 16 stitches in the weave (see page 131).

Press the work.

The measurements are the same as for the Plain Sock:

Leg ..... 15 inches.
Foot ..... 11 "

IN 3-PLY WHEELING

(3-ply wheeling is a coarser and looser yarn than 6-ply fingering, the latter is softer and more compact.)

Size 12 needles and 5 ounces of the wheeling.

Scale: 9 rounds of plain knitting = 1 inch.

Cast on 64 stitches on three needles—20, 20, 24—join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 36 rounds = 4 inches.

1st plain round. Knit together every 7th and 8th stitches 5 times. Knit together every 11th and 12th stitches twice. You will have decreased 7

HEAVIER SOCKS, IN 3-PLY WHEELING

stitches in the round and have 57 stitches left on the needles for the leg.

Knit 72 plain rounds = 8 inches.

Divide the stitches at the ankle, 28 for the instep, 29 for the heel. On these 29 stitches alternately knit and purl 23 rows for the back of the heel, slipping the first stitch of every row. Turn the heel on the

24th (purling) row on the same principle as for the heel of a plain sock, that is, slip 1, purl 11, purl 2, stitches together, purl 3, purl 2 stitches together. Turn, etc. Reduce the heel to 14 stitches. Pick up 12 stitches on each side of the back of the heel for the gusset.

You will have 66 stitches on the needles for the round. Knit 2 plain rounds. Decrease 10 stitches, all told, for the gussets, as you do for a plain sock, knitting 2 plain rounds between the decreasing rounds. After the last decreasing round you will have 56 stitches left on the needles for the foot. Knit 45 plain rounds = 5 inches. In the next round decrease 4 stitches exactly as you do for a plain sock.

Knit 2 plain rounds.
Decrease.
Knit 2 plain rounds.
Decrease.
Knit 2 plain rounds.
Decrease.
Knit 1 plain round.
Decrease.
Knit 1 plain round.
Decrease.
Knit 1 plain round.
Decrease 4 rounds in succession.

You will have decreased 40 stitches in 19 rounds and have 16 stitches left on the needles. Knit 1 plain round and darn up the remaining 16 stitches in the weave. Press the work.

The measurements are:—

Leg	15 inches.
Foot	11 "

American 4-ply knitting yarn makes a heavier, coarser sock than Scotch fingering and works out at 10 rounds of knitting to the inch. Some fingerings are finer than others, it depends upon the make. With the finer fingerings allow 2-3 more rounds of knitting to the inch.

A sock should always be long enough to reach to the man's breeches, which end just below the knee, as otherwise, when gaiters, or puttees, are on, there would be a gap here.

RIBBED SOCKS

The same needles and wool as for plain socks (see page 125). Cast on as you do for a plain sock, and simply continue the ribbing till the sock measures 12 inches.

Divide the stitches for the heel and instep, 40 for the heel and 40 for the instep. Be careful to divide in the centre of a knitted rib. Increase 1 stitch in the centre of the heel stitches (this is to get 41 stitches for the heel). Knit the back of the heel and turn the heel as you do for a plain sock; but pick up 16 stitches for each gusset after turning the heel. Narrow for the gussets as you do for a plain sock, ribbing the instep stitches.

Knit 5½ inches for the foot, ribbing the stitches on the instep needle till you come to the toe; decrease the toe and finish the sock as for the plain sock.

If you wish to do a different rib for the leg of the sock, knit the first 4 inches in a rib of knit 1 stitch and purl 1 stitch, then change to any desired rib that will divide into 80—knit 3, purl 2; knit 5, purl 3; and knit 4, purl 1; are all pretty—and rib for 8 inches, till the sock measures 12 inches over all. Then divide the stitches for the heel.

The illustrated sock is done in knit 2 and purl 2 and then knit 6 and purl 2.

This sock will measure 15 inches in length and the foot 11 inches.

RIBBED SOCKS

TRENCH STOCKINGS

TO WEAR UNDER RUBBER BOOTS

5 bone knitting needles, pointed at both ends, size 9. 11 ounces of 4-ply wheeling in dark grey.

Cast on 68 stitches on 3 needles—20, 24, 24—join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 50 rounds = 7 inches.

In the next round knit together every 8th and 9th stitches, decreasing 7 stitches in the round.

Knit 60 plain rounds on 61 stitches = 9 inches.

On the next round knit 4, knit 2 stitches together in the front loops of the stitches, knit plain till you come to the last 7 stitches on the third needle, knit 2 stitches together in the back loops of the stitches and knit 5.

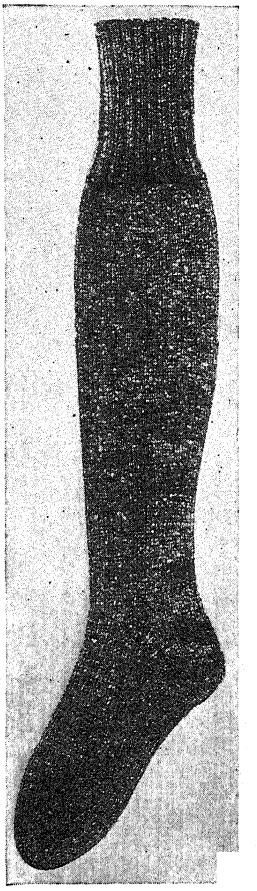
Knit 5 plain rounds.

Repeat the last six rounds until you have reduced the stocking to 49 stitches. Knitting 5 plain rounds between the narrowing rounds, the narrowings will measure 5 inches.

After the last narrowing round knit 35 plain rounds = 5 inches which brings you to the ankle. Divide the stitches as follows:

24 stitches for the instep and 25 stitches for the heel, alternately knit and purl these 25 stitches for 23 rows = 3½ inches, slipping the first stitch of every row.

Turn the heel as for a plain sock, on the 24th



TRENCH STOCKINGS

(purling) row, with 13 stitches to the left of the plain stitch which constitutes your seam stitch and 11 stitches to the right of it (work to face you). Reduce the heel to 12 stitches. Pick up 12 stitches for each gusset, which will give you 60 stitches on your needles for the round. Knit 2 plain rounds. Decrease 12 stitches for the instep, knitting 2 plain rounds between each narrowing round, decreasing as you do for a plain sock.

Heel measured across and gusset measured long, 5 inches.

You will now have 48 stitches for the foot.

Knit 30 plain rounds = 4½ inches, which will bring you to the toe. Knit and narrow the toe in the same manner you do for a plain sock, and in this proportion:—

1st round .....Narrow.
2nd and 3rd rounds .....Knit plain.
4th round .....Narrow.
5th and 6th rounds .....Knit plain.
7th round .....Narrow.
8th and 9th rounds .....Knit plain.
10th round .....Narrow.
11th " .....Knit plain.
12th " .....Narrow.
13th " .....Knit plain.
14th " .....Narrow.
15th " .....Knit plain.
16th " .....Narrow.

You will have 20 stitches left on the needles, knit 1 plain round, then knit to the end of needle No. 1, divide the stitches evenly upon two needles, front and back, and darn them up in the weave (see page 131). Length of toe 2½ inches.

Press the stockings on a block.

Length of stockings	30 inches.
" " foot	12 "

5 steel knitting needles, pointed at both ends, size 8. 1½-lbs. of 3-ply fisherman's yarn, in sea blue, navy blue, or dark grey.

Cast on 64 stitches on 3 needles—24, 20, 20—join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 40 rounds = 7 inches.

Knit the next round plain and decrease 7 stitches by knitting together every 8th and 9th stitches in the round. You will have 57 stitches left on the needles.

Knit 60 plain rounds = 9 inches.

In the next round narrow for the calf, as follows:—

1st needle. Knit 2 stitches, knit 2 stitches together in the front loops of the stitches. Knit plain to the end of the needle.

2nd needle. Knit plain.

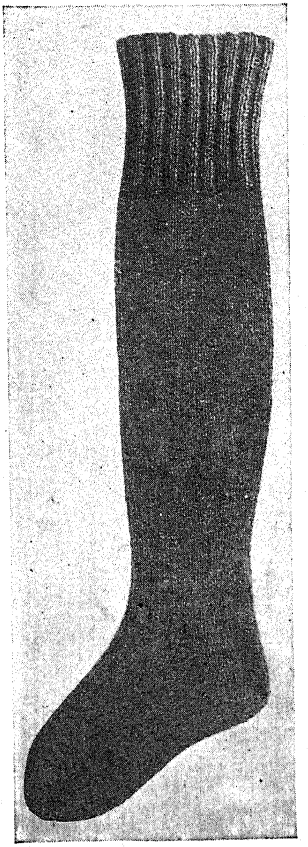
3rd needle. Knit plain to within the last 5 stitches on the needle. Knit 2 stitches together in the back loops of the stitches and knit 3.

Knit 4 plain rounds.

Repeat the above 5 rounds till you have narrowed 6 times all told and have decreased 12 stitches, there will be 45 stitches left on the needles and the decreasings will measure 4 inches.

Knit 25 plain rounds = 4 inches.

Divide the stitches at the ankle, putting 11 stitches on each of the two instep needles and 23 stitches on



SEAMAN'S STOCKINGS

the heel needle; on these 23 stitches alternately knit and purl for 23 rows, slipping the first stitch of every row.

Length of the back of the heel, 4 inches.

On the 24th (purling) row, turn the heel, as given on page 127, that is, slip 1 stitch, purl 8, purl 2 together, purl 3, purl 2 together, turn; slip 1 stitch, knit 4, knit 2 together in the back loops of the stitches, turn, and continue in this manner till the heel is reduced to 12 stitches.

Pick up 12 stitches for each gusset.

You will now have 58 stitches for the round.

Knit 1 plain round.

Decrease 2 stitches for the gussets in the next round, as you do for the gusset of plain socks (see page 130).

Repeat this decreasing round twice.

Knit 1 plain round.

Decrease 1 round.

Knit 1 plain round.

Decrease 1 round.

Knit 1 plain round.

Decrease 1 round.

Knit 1 plain round.

Decrease 1 round.

You will have decreased 14 stitches all told and have 44 stitches left on the needles.

Length together of heel measured across and gusset measured long, 5 inches.

Knit 25 plain rounds for the foot, 4 inches.

In the next round decrease 4 stitches exactly as

you do for the first narrowing round of the toe of a plain sock (see page 130), and knit 2 plain rounds.

Decrease 1 round.
Knit 2 plain rounds.
Decrease 1 round.
Knit 2 plain rounds.
Decrease 1 round.
Knit 1 plain round.
Decrease 1 round.
Knit 1 plain round.
Decrease 1 round.
Knit 1 plain round.
Decrease 2 rounds in succession.
Knit 1 plain round.

You will have decreased 32 stitches all told and have 12 stitches left on the needles.

Knit plain to the end of needle No. 1.

Transfer the 3 stitches on needle No. 3 to needle No. 1, this divides your stitches evenly upon 2 needles.

Break off the yarn, thread it through a coarse, blunt, darning-needle and darn up the toe of the stocking in the weave (see page 131).

Press the stocking on a block.

Length of toe finished	3	inches.
" " stocking	28	"
" " foot	12	"

As each individual knits with a slightly different tension, it is not possible to give exact rounds to

the inch, therefore knitting should be worked preferably by measurement; but with the above needles and yarn an ordinary knitter will knit 6-7 rounds to the inch.

RIBBED STOCKINGS

4 steel knitting needles, pointed at both ends, size 13. 12 ounces of 3-ply wheeling, in khaki colour or navy blue.

Cast on 84 stitches, on 3 needles, join them in a circle and knit in a rib of knit 2 stitches and purl 2 stitches for 10 rounds = 1 inch.

Change to a rib of knit 5, purl 2 stitches, for 116 rounds = 13 inches.

127th round. Purl together the 2 purled stitches at the end of needle No. 3, decreasing 1 stitch.

Rib for 5 rounds.

133rd round. Knit together the last two stitches on needle No. 3 (the last one is a purled stitch), bringing together the two ribs of 5 knitted stitches each.

Rib for 5 rounds, knitting these 10 stitches plain.

139th round. In this round, of these 10 stitches, knit 2 plain, knit 2 together, knit 2 plain, knit 2 together, and end knit 2, decreasing 2 stitches and leaving 8 knitted stitches in this rib.

Rib 5 rounds.

145th round. In this round, of these 8 stitches knit 1 plain, knit 2 together, knit 2 plain, knit 2 together, knit 1 plain, leaving 6 stitches in this rib.

Rib 5 rounds.

151st round. In this round, of these 6 stitches,

knit 1, knit 2 together, knit 2 together, knit 1, leaving 4 stitches in this rib.

Rib 5 rounds.

157th round. In this round, of these 4 plain stitches, knit 2 together, knit 2 together, leaving 2 stitches of this rib.

Knit 5 rounds.

163rd round. Of these 2 plain stitches knit 2 together.

164th round. Purl this remaining stitch into the next purled stitch, leaving 4 purled stitches together.

Rib 5 rounds.

170th round. In this round, of these 4 purled stitches, purl 2 together, purl 2 together.

This brings you back to the 5 plain and 2 purled rib again and the stocking will measure 20 inches over-all. Knit in the rib for 30 rounds = 3 inches.

At the ankle divide the 70 stitches as follows:—

34 stitches for the heel and 36 stitches for the instep.

Keep the centre rib of the back of the stocking in the centre of the heel.

Knit in the rib forward and backward on the heel needle for 25 rows = 2½ inches, slipping the first stitch of every row. On the last forward row increase 1 stitch in the 17th stitch. Turn the heel on the 26th (purling) row. Turn the same as heel for a plain sock (see page 127).

Pick up 13 stitches for each gusset, rib the instep stitches and continue ribbing these stitches till you reach the toe.

The sole is knitted plain.

Knit 2 rounds after picking up the gusset stitches. Narrow 4 times for the gusset (as in a plain sock), knitting 2 rounds between the narrowing rounds.

RIBBED STOCKINGS

Heel measured across and gusset measured long, 3½ inches.

Knit and rib 42 rounds for the foot = 5 inches.

The toe is knitted plain. For the toe, knit 5 plain

rounds. Narrow 4 stitches as for a plain sock, but leave 3 plain stitches between each group of narrowings instead of 4.

Knit 3 plain rounds.

Narrow.

Knit 2 plain rounds.

Narrow.

Knit 1 plain round.

Repeat the last 2 rounds till you have 22 stitches left. Knit 1 plain round and in this round narrow 2 stitches on the front or instep needle only. You will have 20 stitches left, knit to the end of Needle No. 1, divide the stitches evenly on two needles and darn the stocking up in the weave (see page 131). The toe measures 3 inches.

Press the stocking on a stocking block if you have one.

The measurements are:—

Length of leg	26	inches.
" " foot	11½	"

PUTTEE STOCKINGS

4 steel knitting needles, size 13. 5 skeins of 4-ply or 5-ply fingering. 3 yds. khaki tape, ⅝ of an inch wide.

Cast on 84 stitches, 28 on each needle,

1st to the 36th round. Knit 1, purl 1.

Change to plain knitting and commence spiral.

37th round. * Purl 1, knit 1, purl 1, knit 25; repeat from * to end of round.

38th round. * Knit 1, purl 1, knit 1, purl 1, knit 24; repeat from * to end.

39th round. * Knit 2, purl 1, knit 1, purl 1, knit 23; repeat from * to end.

40th round. * Knit 3, purl 1, knit 1, purl 1, knit 22; repeat from * to end.

41st round. * Knit 4, purl 1, knit 1, purl 1, knit 21; repeat from * to end.

42nd round. * Knit 5, purl 1, knit 1, purl 1, knit 20; repeat from * to end.

43rd round. * Knit 6, purl 1, knit 1, purl 1, knit 19; repeat from * to end.

44th round. * Knit 7, purl 1, knit 1, purl 1, knit 18; repeat from * to end.

45th round. * Knit 8, purl 1, knit 1, purl 1, knit 17; repeat from * to end.

46th round. * Knit 9, purl 1, knit 1, purl 1, knit 16; repeat from * to end.

47th round. * Knit 10, purl 1, knit 1, purl 1, knit 15; repeat from * to end.

48th round. * Knit 11, purl 1, knit 1, purl 1, knit 14; repeat from * to end.

49th round. *Knit 12, purl 1, knit 1, purl 1, knit 13; repeat from * to end.

50th round. *Knit 13, purl 1, knit 1, purl 1, knit 12; repeat from * to end.

51st round. *Knit 14, purl 1, knit 1, purl 1, knit 11; repeat from * to end.

52nd round. *Knit 15, purl 1, knit 1, purl 1, knit 10; repeat from * to end.

53rd round. * Knit 16, purl 1, knit 1, purl 1, knit 9; repeat from * to end.

54th round. *Knit 17, purl 1, knit 1, purl 1, knit 8; repeat from * to end.

55th round. * Knit 18, purl 1, knit 1, purl 1, knit 7; repeat from * to end.

56th round. * Knit 19, purl 1, knit 1, purl 1, knit 6; repeat from * to end.

57th round. * Knit 20, purl 1, knit 1, purl 1, knit 5; repeat from * to end.

58th round. * Knit 21, purl 1, knit 1, purl 1, knit 4; repeat from * to end.

59th round. * Knit 22, purl 1, knit 1, purl 1, knit 3; repeat from * to end.

60th round. * Knit 23, purl 1, knit 1, purl 1, knit 2; repeat from * to end.

61st round. * Knit 24, purl 1, knit 1, purl 1, knit 1; repeat from * to end.

62nd round. * Knit 25, purl 1, knit 1, purl 1; repeat from * to end.

63rd round. * Purl 1, knit 25, purl 1, knit 1; repeat from * to end.

64th round. * Knit 1, purl 1, knit 25, purl 1; repeat from * to end.

Repeat from the beginning of the 37th round to the end of the 64th twice, making three spirals inclusive.

PUTTEE STOCKINGS

Now commence to decrease as follows:—

121st round. * Purl 1, knit 1, purl 1, knit 11, knit 2 together, knit 12; repeat from *.

122nd round. * Knit 1, purl 1, knit 1, purl 1, knit 23; repeat from *.

123rd round. * Knit 2, purl 1, knit 1, purl 1, knit 22; repeat from *.

124th round. * Knit 3, purl 1, knit 1, purl 1, knit 21; repeat from *.

125th round. * Knit 4, purl 1, knit 1, purl 1, knit 20; repeat from *.

126th round. * Knit 5, purl 1, knit 1, purl 1, knit 19; repeat from *.

127th round. * Knit 6, purl 1, knit 1, purl 1, knit 18; repeat from *.

128th round. * Knit 7, purl 1, knit 1, purl 1, knit 17; repeat from *.

129th round. *Knit 8, purl 1, knit 1, purl 1, knit 16; repeat from *.

130th round. * Knit 9, purl 1, knit 1, purl 1, knit 15; repeat from *.

131st round. * Knit 10, purl 1, knit 1, purl 1, knit 14; repeat from *.

132nd round. * Knit 11, purl 1, knit 1, purl 1, knit 11; knit 2 together; repeat from *.

133rd round. * Knit 12, purl 1, knit 1, purl 1, knit 11; repeat from *.

134th round. * Knit 13, purl 1, knit 1, purl 1, knit 10; repeat from *

135th round. * Knit 14, purl 1, knit 1, purl 1, knit 9; repeat from *.

136th round. * Knit 15, purl 1, knit 1, purl 1, knit 8; repeat from *.

137th round. * Knit 16, purl 1, knit 1, purl 1, knit 7; repeat from *.

138th round. * Knit 17, purl 1, knit 1, purl 1, knit 6; repeat from *.

139th round. * Knit 18, purl 1, knit 1, purl 1, knit 5; repeat from *.

140th round. * Knit 19, purl 1, knit 1, purl 1, knit 4; repeat from *.

141st round. * Knit 20, purl 1, knit 1, purl 1, knit 3; repeat from *.

142nd round. * Knit 21, purl 1, knit 1, purl 1, knit 2; repeat from *.

143rd round. * Knit 22, purl 1, knit 1, purl 1, knit 1; repeat from *.

144th round * Knit 23, purl 1, knit 1, purl 1; repeat from *.

145th round. * Purl 1, knit 23, purl 1, knit 1; repeat from *.

146th round. * Knit 1, purl 1, knit 23, purl 1; repeat from *.

(End of fourth spiral.)

147th round. * Purl 1, knit 1, purl 1, knit 10, knit 2 together, knit 11; repeat from *.

148th round. * Knit 1, purl 1, knit 1, purl 1, knit 21; repeat from *.

149th round. * Knit 2, purl 1, knit 1, purl 1, knit 20; repeat from *.

150th round. * Knit 3, purl 1, knit 1, purl 1, knit 19; repeat from *.

151st round. *Knit 4, purl 1, knit 1, purl 1, knit 18; repeat from *.

152nd round. * Knit 5, purl 1, knit 1, purl 1, knit 17; repeat from *.

153rd round. * Knit 6, purl 1, knit 1, purl 1, knit 16; repeat from *.

154th round. * Knit 7, purl 1, knit 1, purl 1, knit 15; repeat from *.

155th round. * Knit 8, purl 1, knit 1, purl 1, knit 14; repeat from *.

156th round. * Knit 9, purl 1, knit 1, purl 1, knit 13; repeat from *.

157th round. * Knit 10, purl 1, knit 1, purl 1, knit 10, knit 2 together; repeat from *.

158th round. * Knit 11, purl 1, knit 1, purl 1, knit 10; repeat from *.

159th round. * Knit 12, purl 1, knit 1, purl 1, knit 9; repeat from *.

160th round. * Knit 13, purl 1, knit 1, purl 1, knit 8; repeat from *.

161st round. * Knit 14, purl 1, knit 1, purl 1, knit 7; repeat from *.

162nd round. * Knit 15, purl 1, knit 1, purl 1, knit 6; repeat from *.

163rd round. * Knit 16, purl 1, knit 1, purl 1, knit 5; repeat from *.

164th round. * Knit 17, purl 1, knit 1, purl 1, knit 4; repeat from *.

165th round. * Knit 18, purl 1, knit 1, purl 1, knit 3; repeat from *.

166th round. * Knit 19, purl 1, knit 1, purl 1, knit 2; repeat from *.

167th round. * Knit 20, purl 1, knit 1, purl 1, knit 1; repeat from *.

168th round. * Knit 21, purl 1, knit 1, purl 1; repeat from *.

169th round. * Purl 1, knit 21, purl 1, knit 1; repeat from *.

170th round. * Knit 1, purl 1, knit 21, purl 1; repeat from *.

(End of fifth spiral.)

171st round. * Purl 1, knit 1, purl 1, knit 9, knit 2 together, knit 10; repeat from *.

172nd round. * Knit 1, purl 1, knit 1, purl 1, knit 19; repeat from *.

173rd round. * Knit 2, purl 1, knit 1, purl 1, knit 18; repeat from *.

174th round. * Knit 3, purl 1, knit 1, purl 1, knit 17; repeat from *.

175th round. * Knit 4, purl 1, knit 1, purl 1, knit 16; repeat from *.

176th round. * Knit 5, purl 1, knit 1, purl 1, knit 15; repeat from *.

177th round. * Knit 6, purl 1, knit 1, purl 1, knit 14; repeat from *.

178th round. * Knit 7, purl 1, knit 1, purl 1, knit 13; repeat from *.

179th round. * Knit 8, purl 1, knit 1, purl 1, knit 12; repeat from *.

180th round. * Knit 9, purl 1, knit 1, purl 1, knit 9, knit 2 together; repeat from *

181st round. * Knit 10, purl 1, knit 1, purl 1, knit 9; repeat from *.

182nd round. * Knit 11, purl 1, knit 1, purl 1, knit 8; repeat from *.

183rd round. * Knit 12, purl 1, knit 1, purl 1, knit 7; repeat from *.

184th round. * Knit 13, purl 1, knit 1, purl 1, knit 6; repeat from *.

185th round. * Knit 14, purl 1, knit 1, purl 1, knit 5; repeat from *.

186th round. * Knit 15, purl 1, knit 1, purl 1, knit 4; repeat from *.

187th round. * Knit 16, purl 1, knit 1, purl 1, knit 3; repeat from *.

188th round. * Knit 17, purl 1, knit 1, purl 1, knit 2; repeat from *.

189th round. * Knit 18, purl 1, knit 1, purl 1, knit 1; repeat from *.

190th round. * Knit 19, purl 1, knit 1, purl 1; repeat from *.

191st round. * Purl 1, knit 19, purl 1, knit 1; repeat from *.

192nd round. * Knit 1, purl 1, knit 19, purl 1; repeat from *.

(End of sixth spiral.)

Knit in rib of knit 1, purl 1, for 28 rounds, and cast off in pattern.

BED SOCKS

2 bone knitting needles, with tips at one end, size 6. 4 ounces of 4-ply fleecy wool, or 4-ply double knitting wool, in natural color, white, pink, or blue.

Cast on 60 stitches. Knit forward and backward in a rib of knit 3 stitches and purl 3 stitches, for 25 rows.

Knit, do not slip, the first stitch of the ribbing; but after that slip the first stitch of every row. Keep the wool in front as you slip the stitch, with a purling slip, then put the wool back and knit. This makes a chain stitch edge for sewing up when finished. When the ribbing is finished, decrease 10 stitches in the next row by knitting together the last two stitches in every plain knitted rib.

Knit plain forward and backward for 52 double rows.

In the next row, slip 1, knit the next 2 stitches on the needle together and counting from here, knit the 26th and 27th stitches together in the back loops of the stitches, knit the 28th and 29th stitches together in the front loops of the stitches, knit to within the last 3 stitches on the needle, knit 2 stitches together and end knit 1.

Knit the next row back plain.

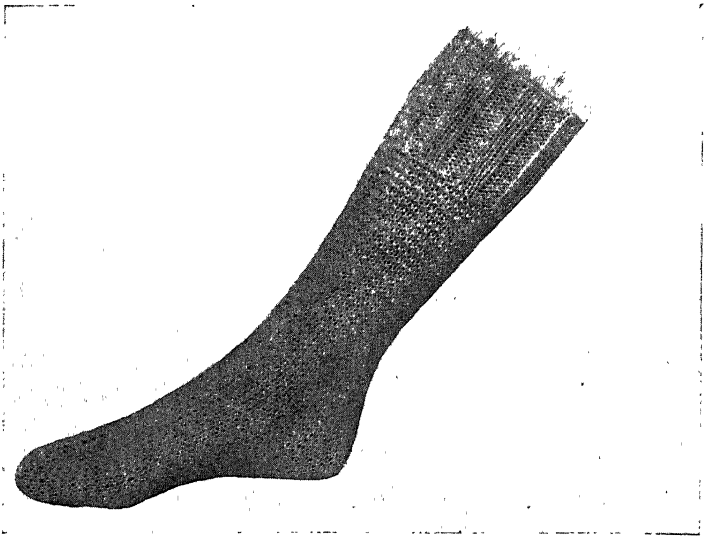
Knit 1 plain double row.

Repeat these last 2 double rows till you have de-

creased 16 stitches and have 34 stitches left on one needle.

Remember that on the second decreasing row you knit together the 24th and 25th stitches, the 26th and 27th stitches.

In the third decreasing row, the 22nd and 23rd stitches, the 24th and 25th stitches and so on.



BED SOCKS

Cast off and sew up the sock by overhanding the bottom and sides together with wool, on the wrong side, placing the stitches exactly opposite each other and taking up the inner edge of each stitch.

The ribbing will measure 4 inches, the plain knitting 14 inches, making the sock 18 inches over all.

DOUBLE KNITTED BEDSOCKS

5 bone knitting needles 12 inches long, pointed at both ends, size 6. 8 ounces of 4-ply fleecy or petticoat wool in natural colour, white, pink, or blue.

Cast on 92 stitches on one needle.

1st row. Knit plain.

2nd row. Slip the first stitch with a purling slip and the wool in front, put the wool back and knit 1, * put the wool in front, slip 1 with a purling slip, put the wool back and knit 1. Repeat from * to the end of the row, ending knit 1.

Repeat this 2nd row till the work measures 12 inches in length, 75 rows.

Slip 1 stitch, knit and slip 22 stitches, take off these 23 stitches on an extra needle and knit and slip to the end of the row.

On the next row slip 1, knit and slip 22, take off these 23 stitches on an extra needle.

This brings you to the 46 stitches in the centre for the heel. With these 46 stitches on one needle:

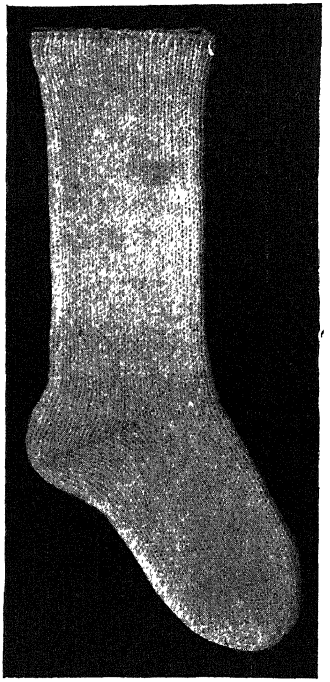
Knit and slip 45 stitches, turn:
" " " 44 " "
" " " 43 " "

and continue slipping and knitting in this manner, omitting 1 stitch at the end of every row till there are 18 stitches left on the needle.

Be careful to always keep the slipped stitches

slipped and the knitted stitches knitted and to hold the wool very tightly, as the heel stitches stretch.

With 18 stitches on one needle, reverse the above process, knitting and slipping 1 more stitch at the



DOUBLE KNITTED BED SOCKS

end of every row till there are 46 stitches on one needle again. Continue on with this row and knit and slip the 23 slipped off stitches on the left end.

On the next row, slip 1, knit and slip 22, take off stitches at the other end.

You will now have all the 92 stitches on the needle again.

Knit and slip till the work measures 6½ inches = 40 rows. Then decrease as follows:—

Put all the odd numbered stitches on one needle and the even numbered stitches on the other needle, then divide this round of 92 stitches upon 4 needles, 23 stitches on each needle, and use the 5th needle to knit with.

Count the round as beginning with the stitch that was the first slipped stitch of the row:—

1st narrowing round. Knit 8, knit the next 2 stitches together in the back loops of the stitches, knit 3, knit the next 2 stitches together in the front loops of the stitches, knit 16, knit the next 2 stitches together in the back loops of the stitches, knit 3, knit the next 2 stitches together in the front loops of the stitches, knit 16, knit the next 2 stitches together in the back loops of the stitches, knit 3, knit the next 2 stitches together in the front loops of the stitches, knit 16, knit the next 2 stitches together in the back loops of the stitches, knit 3, knit the next 2 stitches together in the front loops of the stitches and end the round knit 8.

Knit 2 plain rounds.

Decrease for 1 round as above, beginning the round knit 7, and knitting 14 plain stitches instead of 16, end knit 7.

Knit 2 plain rounds.

Decrease for 1 round, beginning the round knit 6,

and knitting 12 plain stitches instead of 14, end knit 6.

Knit 2 plain rounds.

Decrease for 1 round, beginning the round knit 5, and knitting 10 plain stitches instead of 12, end knit 5.

Knit 1 plain round.

Decrease for 1 round, beginning the round knit 4, and knitting 8 plain stitches instead of 10, end knit 4.

Knit 1 plain round.

Decrease for 2 rounds in succession, beginning the rounds knit 3 and knit 2, respectively, and knitting first 6 and then 4 plain stitches; end the rounds knit 3 and knit 2.

Knit 1 plain round.

You will have decreased 56 stitches all told and have 36 stitches left on the needles. Break off a long end of wool, replace the 36 stitches on one needle in their order as though for double knitting, on a second needle take 8 stitches from one end, on a third needle take 10 stitches from the other end. Place the sides of the sock together, having the 18 centre stitches on one needle at the back and darn the stitches up in the weave (see page 131), taking 2 at a time.

Sew up the sock from the top to the centre of the toe, laying the edges together and running the wool through the centre of the opposite rows of knitting with a blind stitch, the joining will not show.

Press the work.

DOUBLE KNITTED BEDSOCKS

This sock is reversible.
It measures—
Leg, over-all ..... 15 inches
Foot, ... 11 "

Note. The heel stitches are apt to stretch, in which case when the heel is knitted pull up the slackened stitches and divide the loose wool through the stitches of that row, by pulling it along, a stitch at a time. All loose stitches can be tightened in this manner.

MONEY BELT
(34–37-INCH WAIST)

39 inches of heavy canvas belting, 3 inches wide (the kind used for saddle girths). 2 patent snap fasteners. 2 prong (bridle) buckles, 1-inch wide.

A piece of soft leather 12 x 6 inches (the leather used in the illustrated belt is pigskin), cut 2 pockets out of this, 5 x 3 inches and 2 pocket flaps 5 x 2½ inches deep. With an embroidery punch make a hole in the centre of each curved edge of the flaps, and slit ¼ of an inch above the hole.

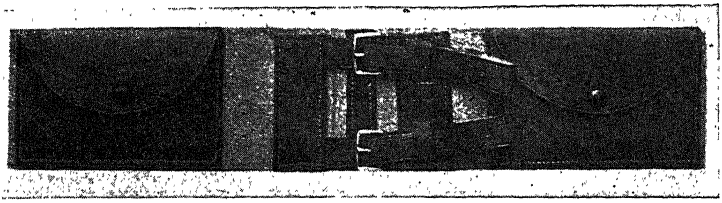
Turn up ¾ of an inch of the ends of the belting and stitch them down on the face of the belt with a strip of leather ¾ of an inch wide, using strong linen thread to sew with.

Stitch the right pocket flap on the upper edge of the belt 5½ inches from the right end, and the left pocket flap 4 inches from the left end. Stitch the pockets on the face of the belt directly below the flaps. Insert the patent fasteners in the pockets to correspond with the holes in the flaps.

Cut 2 straps of the leather, 8 x ¾ inches, punched with 8 holes, and taper one end of each. Cut 2 strips of leather 3 x 1¼ inches and stitch down the 2 straps with one of them 3¼ inches from the right end of the belt; with the other strip stitch down the two buckles 1½ inches from the left end of the belt. The buckles must be run on leather straps 3½ x ¾

inches before stitching. Stitch down a ½ inch strap in the centre of the buckle piece, this is to run the perforated leather straps through after they are buckled.

Note that the directions for "right and left" are given as though the belt were on.



MONEY BELT

If this belt is sewed on a machine you will need No. 36 linen thread and a No. 4 machine needle.

The illustrated belt was sewn by hand and the edges of the leather marked with a line drawn by a hat pin heated red hot.

Sew around the leather first with an unthreaded machine, to mark the holes properly for the stitching by hand.

MONEY BELT

(TO BE WORN UNDERNEATH THE CLOTHING)
33–37-INCH WAIST

1 yd. of strong, twilled, cotton material, 22 inches wide, in grey or brown.

4 yds. of cotton binding braid to match, ¾ of an inch wide.

20 inches of canvas belting, 1 inch wide.

2 1-inch prong buckles and 5 patent snap fasteners.

Cut a strip 36 inches long and 6½ inches wide, fold it together the long way and stitch all around it. Stitch twice through the middle of the strip.

Cut 4 pockets 5½ inches wide and ¼ of an inch deeper than the depth of the belt, curve down the top edge slightly.

Cut 4 flaps, curved out on the lower edge, 5½ inches long and 2½ inches deep, cut these flaps double.

Bind the turnover part of the flaps and the top of the pockets with braid.

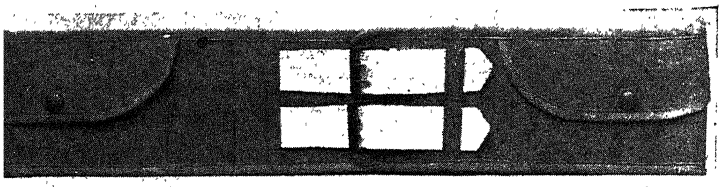
Stitch the pockets and flaps on the belt, spacing them 1½ inches apart; put the first pocket 6½ inches from the right end of the belt, this will bring the last pocket 4 inches from the left end of the belt.

Bind the belt all around with braid.

Cut two 6½ inches strips of the canvas belting and sew one end of each to a point; stitch these down,

4 inches from the right end of the belt with an 1½ inch wide piece of material.

Run the 2 buckles on 3 inch strips of the same belting and stitch them down with an 1½ inch wide piece of the material, 1 inch from the left end of the



MONEY BELT, TO BE WORN UNDERNEATH THE CLOTHING

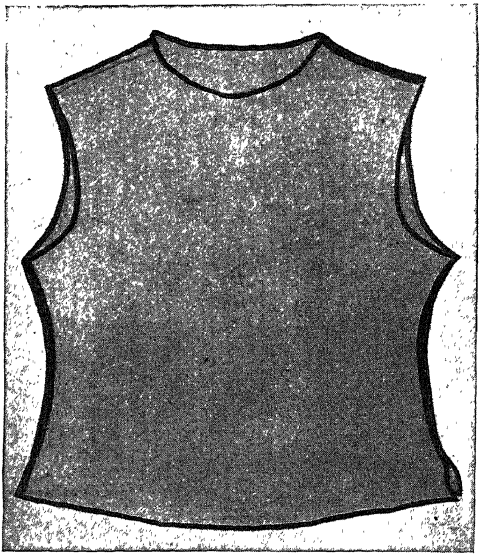
belt. Stitch a ½ inch strip just beyond them to run the straps through when the buckles are fastened, and put in the snaps to fasten the pockets down.

These directions allow ¼ of an inch to turn in on all edges.

This belt can be washed.

CHAMOIS LEATHER BODY PROTECTOR

2 of the largest, soft, yellow chamois skins, the kind used to clean with. 6 yds. of brown silk seam binding, ¾ of an inch wide. 10 large patent snap fasteners.



CHAMOIS LEATHER BODY PROTECTOR

Cut the skins out like the illustration. If you cannot fit them on a man, button a man's coat in the correct size around a pillow and use that. Bind the

edges all around with the seam binding, sewing up the right shoulder and under-arm seam flat, i. e., making an overlapping seam. Stay both sides of the left shoulder seam and left under-arm seam with extra seam binding stitched close to the inside edge, and sew the snaps on this, 4 snaps for the shoulder and 6 for the under-arm.

34 to 38 inches is an average chest measure, and 18 to 22 inches an average length. Allow one inch more for the length of the back than the front.

The protector should fit up well round the neck and arm-holes, but allow freedom of arm motion.

It is to be worn between the outer and under shirts, and affords the greatest protection against cold and wet.

CHAMOIS LEATHER WAISTCOAT

2 large, or 4 small, chamois skins. 1 yd. of 40 inch wide, grey, twilled flannel. 7 medium sized smoked pearl buttons.

CHAMOIS LEATHER WAISTCOAT

Get Butterick's Pattern No. 1799, for a plain waistcoat.

After cutting out the waistcoat, in the chest size required, take the chamois part to a shop where

pleating and pinking are done, they will perforate the skin with evenly spaced, small, ventilating holes with a stamping machine. Or, you can punch the holes yourself with a small embroidery punch, spacing them in rows 2 inches apart, and 2 inches between the holes.

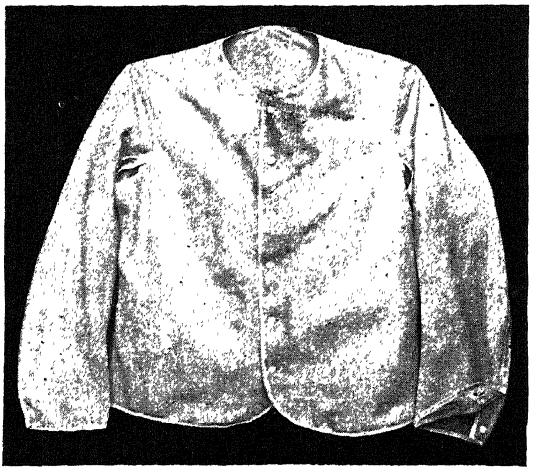
Make up the waistcoat by machine, like the illustration, the two buttoned back revers can be either closed to the throat or buttoned back into lapels, so that they will not show under a coat.

This waistcoat is very warm, yet ventilated.

Length of front from shoulder seam 21 inches.
" " back, from centre ..... 25 "

CHAMOIS LEATHER UNDERSHIRT AND SHORT DRAWERS

Materials required: 9 yds. of white linen tape, ¾ inch wide, 8 medium and 3 large, flat, white, linen buttons. 1 yd. of buff colored galatea, or very strong muslin.

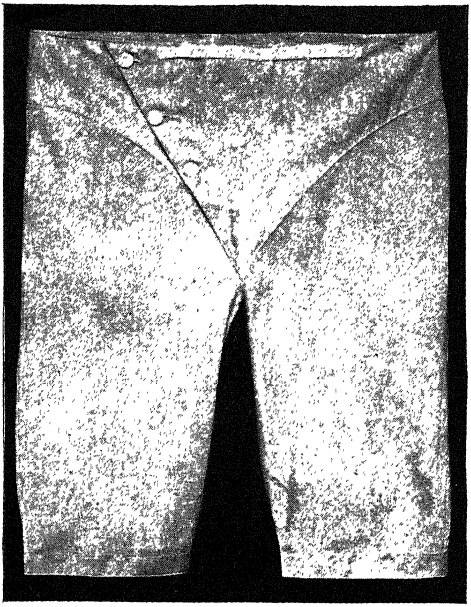


CHAMOIS LEATHER UNDERSHIRT

The number of skins required will depend upon their size—get two Butterick's Patterns Nos. 4550 and 7228 for a man's undershirt and short drawers —by measuring the patterns and the skins you can tell how many of the latter you will need. Use the

largest and softest skins as the cheaper ones will not wash well.

The garments are to be made up by machine, like the illustrations.



CHAMOIS LEATHER SHORT DRAWERS

Sew flat, or tailor's overlapping seams, reinforce with rows of tape stitched on the back of the buttons and button-holes, working the latter through the leather and tape and stay the crotch inside with a piece of the galatea.

The arm-hole seam directly under the arm is left

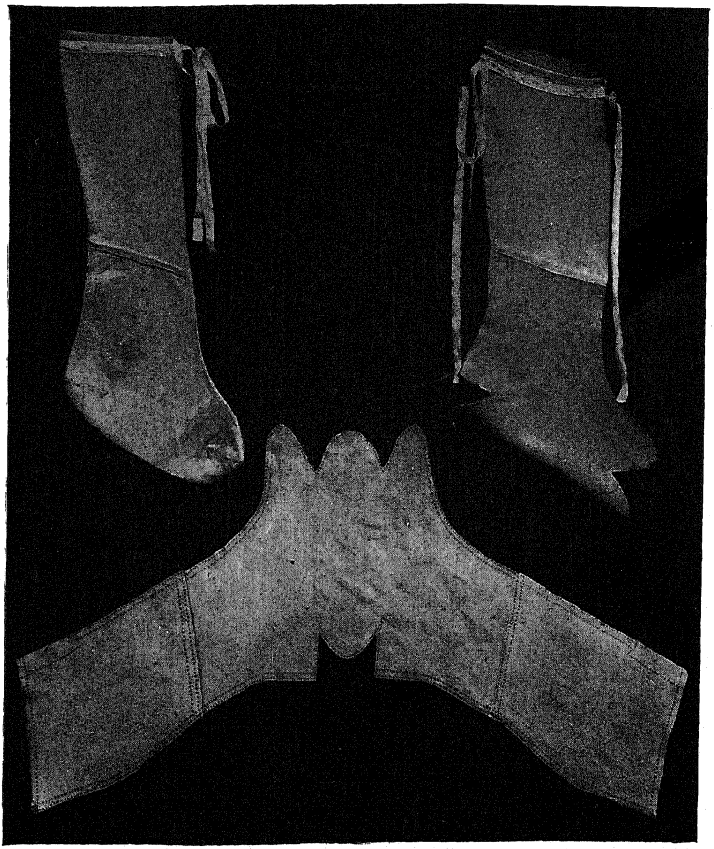
open for 3 inches and bound around with tape—this is for ventilation.

These under garments are light and warm, and very practical for air and naval men.

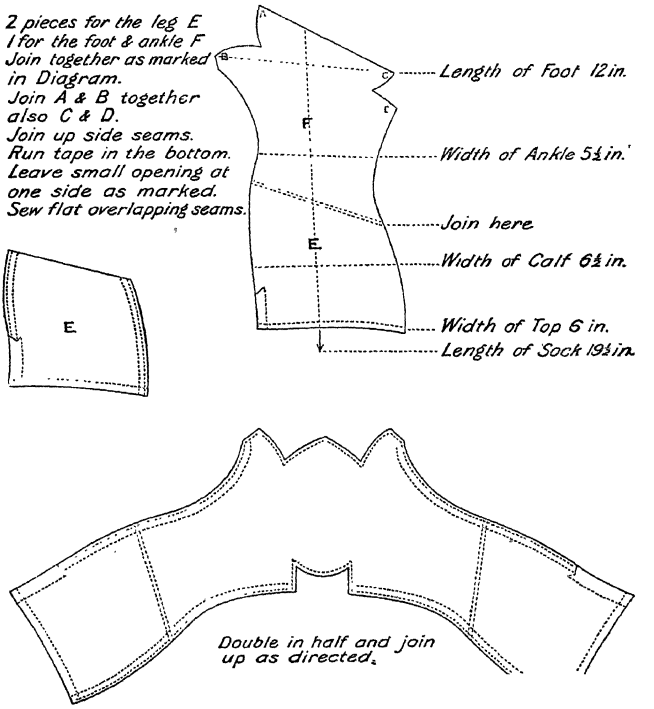
CHAMOIS LEATHER SOCKS

2 medium sized chamois skins. 4¾ yds. of white cotton tape ½ inch wide. Cut the socks like the diagram, to any required size—the diagram is for a size 11 sock.

Sew the socks by machine, making flat, overlapping seams. Turn the top hem over on the outside, facing it down with tape, and run a piece of tape 52 inches long through the hem, stitching it firmly in the centre back.



Chamois Leather Sock in three pieces


2 pieces for the leg E
1 for the foot & ankle F
Join together as marked in Diagram.
Join A & B together also C & D.
Join up side seams.
Run tape in the bottom.
Leave small opening at one side as marked.
Sew flat overlapping seams.
A
B
C
D
F
E
Length of Foot 12 in.
Width of Ankle 5½ in.
Join here
Width of Calf 6½ in.
Width of Top 6 in.
Length of Sock 19½ in.
E
Double in half and join up as directed.

HEAVY PYJAMAS

1 pair of Jaeger blankets, 48 x 63 inches, heaviest weight. They can also be made of any soft, thick blankets in dark colours, in which case 1 large

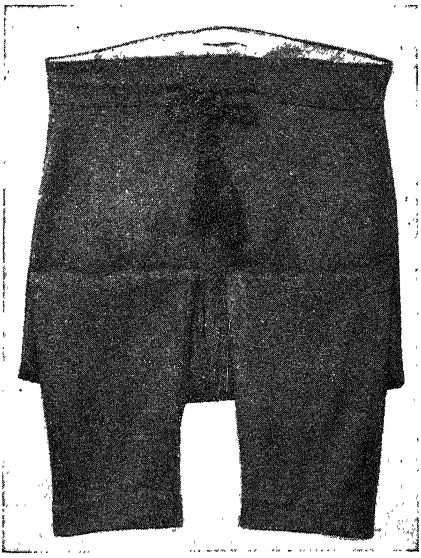
HEAVY PYJAMAS—COAT

blanket 94 x 100 inches will do. 1 ready made cord, for tying. 4 pearl buttons.

Get Butterick's Pattern, No. 9492, for plain py-

jamas, and follow the illustrated diagram, cutting them the desired size.

Sew the pyjamas very strongly.



HEAVY PYJAMAS—PANTS

It is not possible to buy pyjamas heavy enough for active service winter wear, except the ready made Jaeger ones.

CROCHETED SILK TIES

(THESE TIES CAN ONLY BE WORN WITH JACKETS THAT HAVE TURNED DOWN COLLAR AND LAPELS)

Steel crochet hook, size 4½. 1 spool of Head & Son's (191-a, Sloane Street, London, S.W.1) knitting silk, khaki colour, Nos. 28½, or 28¾; or 2 spools of Pearsall's knitting silk, shade No. 185 (a slightly greener khaki).

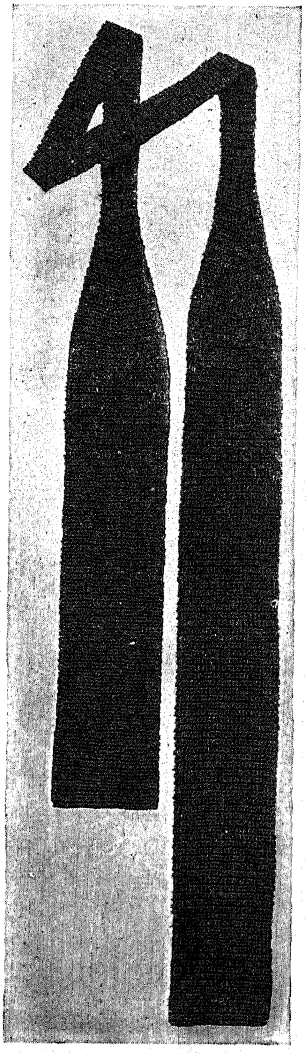
Chain 26 stitches, allow 1, 2, or 3 stitches to turn on according to the stitch you crochet in.

Work forward and back for 15 inches for the long end.

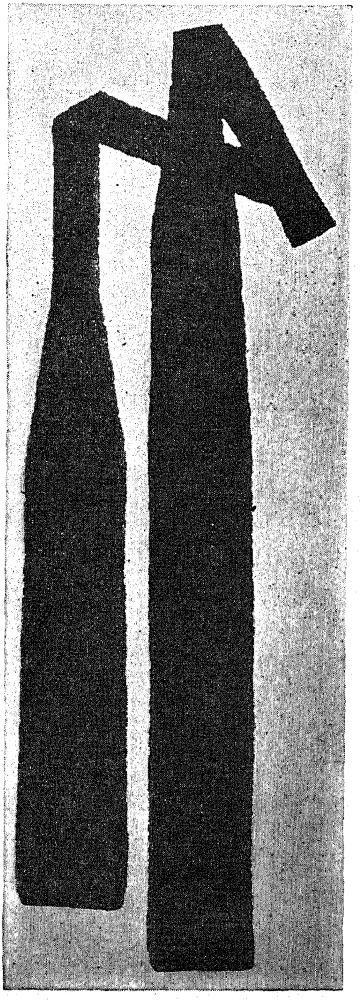
Narrow for the neck by decreasing 2 stitches in every other double row, missing the stitch next to the last stitch of the row, till you have 11 or 13 stitches left for the neck, 11 in a plain, or 13 in a looser, stitch. Crochet 14 inches for the neck, measured tightly stretched, or more or less according to the neck size you are making. This will make a 15 inch or medium neck (½ inch each of the narrowing and widening measure in with the neck part). Widen 2 stitches every other double row till you have 26 stitches again. Crochet the widening stitch in the stitch next to the last stitch of the row.

Crochet 10 inches for the short end, and finish off.

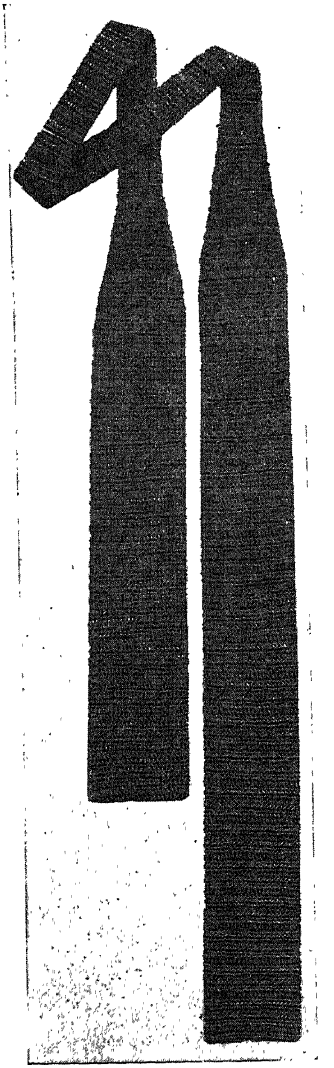
Overhand each end with a needleful of the same silk. Dampen and press the tie. Work very tightly.



DOUBLE CROCHET TIE



TREBLE CROCHET TIE



1 ROW TREBLE & 3 ROWS DOUBLE CROCHET COMBINED

Suitable stitches are:—

1. Double crochet (as illustrated).
2. Treble crochet (as illustrated).

These can be done picking up on all the stitch or only one-half of it.

3. 1 row of treble, alternated with 1, 2, or 3 rows of double crochet. (The illustrated tie is the last.)
4. 1st row, double crochet.
   2nd row * 1 double crochet, 1 double crochet down into the stitch of the preceding row, and repeat from * to the end of the row. Repeat these 2 rows for all the work.
5. 1, 2 or 3 rows of double crochet alternated with 2 rows of treble crochet.

FANCY CROCHETED TIE—"CURZON" DESIGN

Steel hook and silk as above.

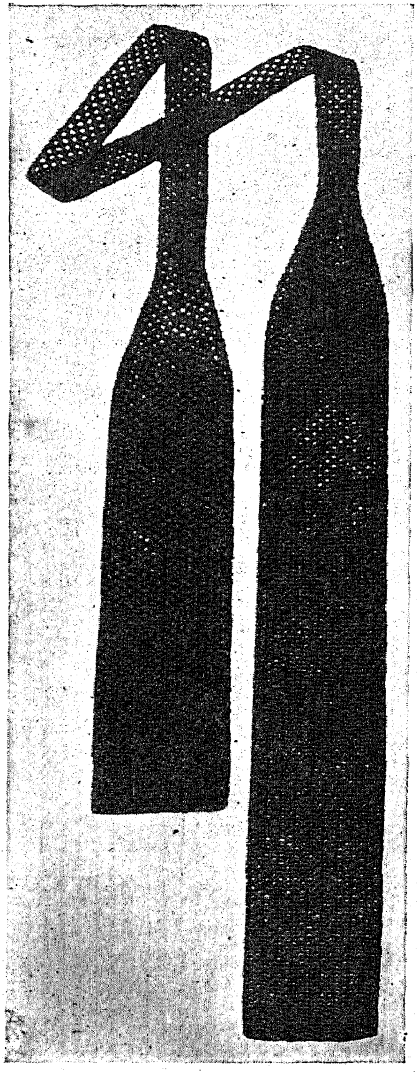
Chain 31 stitches.

1st row. 2 double crochet and 3 chain into every 3rd chain. Work the 3 chain throughout this design very tightly.

2nd row. Turn, 3 chain and 2 double crochet under the 3 chain of previous row, taking care to work *one* double crochet *only* into the last stitch of the tie.

Repeat 2nd row until you have worked 15 inches.

To decrease for the neck. Miss 1 hole as near the centre of the row as possible. Decrease in this man-



"CURZON" DESIGN TIE

ner every 3rd row until there are only 3 holes left. Work 14 inches for the neck, measured stretched.

To increase, work 3 chain and 2 double crochet twice into 1 hole as near the centre of the row as possible. Increase every 3rd row until you have the same number of holes as when you started.

Work 10 inches for the short end.

Finish off. Dampen and press the tie.

KNITTED SILK TIE

15-INCH NECK

4 short steel knitting needles, size 18. 1 spool of Head & Son's silk, as above.

Cast on 54 stitches, join them in a circle and knit plain for 15 inches.

On the next round, knit 1, knit 2 stitches together in the front loops of the stitches, knit 22, knit the 26th and 27th stitches together in the back loops of the stitches, knit 1, knit the 29th and 30th stitches together in the front loops of the stitches, knit 22, knit the 53rd and 54th stitches together, in the back loops of the stitches.

Knit 4 plain rounds.

Repeat the above narrowing round and 4 plain rounds till you have 26 stitches left on the needles.

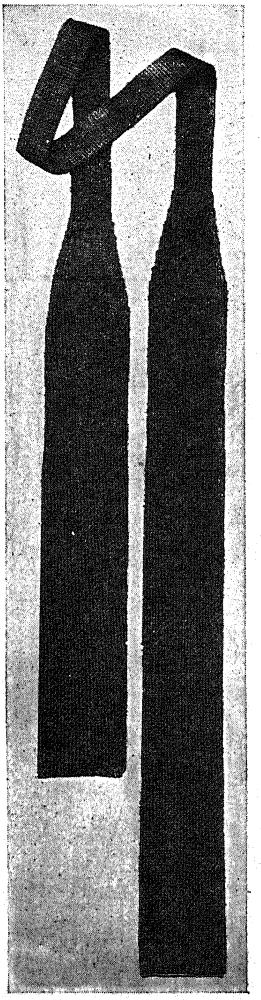
Knit for 15 inches, measured stretched, for the neck.

In the next round widen 2 stitches (picking up the stitches as you do for the thumb gusset of a glove) at each of the two edges of the tie, and knitting 1 plain stitch between the 2 stitches you increase on.

Knit 4 plain rounds.

Repeat these last 5 rounds till you have 54 stitches again on the needles. Knit for 10 inches. Cast off.

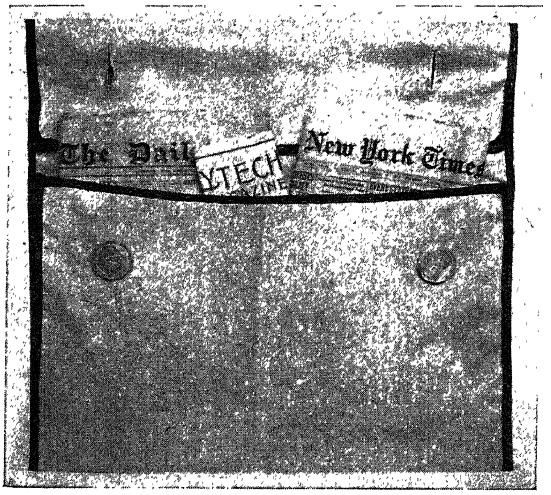
Sew up the ends, dampen and press the tie.



KNITTED SILK TIE

FORECASTLE BOOK BAG

1¼ yds. of plain white or unbleached material—canvas, linen crash, kitchen towelling, or cotton galatea—it must be very strong and 18 inches wide. 2 large buttons. 2 1-inch brass curtain rings. 3 yds.



FORECASTLE BOOK BAG

of cotton braid, or tape 1-inch wide, in red or dark blue.

Bind one end of the material with braid and turn it up to make a pocket 12 inches deep. Into each side of this pocket put a gusset 3 inches wide at the top

and tapering to a point. Allow 12 inches for the top flap.

Bind all around with braid, beginning at a top corner of the pocket.

Sew 2 large buttons, the size of a 50c. piece, on the pocket, three inches down from the top edge and 3 inches in from the sides.

Make button-holes in the flap, to correspond with the buttons.

Sew 2 brass curtain rings on the back where the top turns over and 3 inches in from the side edges. These are to hang the bag up by. Run a tape loop through both rings and sew it firmly together.

DITTY BAG OR HOUSEWIFE

A piece of thin oilcloth, or any heavy material will do, in any dark color—blue, green, or brown—1-yd. long and 6 inches wide. Another piece of plain woollen material, flannel, or serge, the same size—in red, or light grey.

4¼ yds. of cotton binding braid, to match the outside, 1-inch wide. 2 glove buttons.

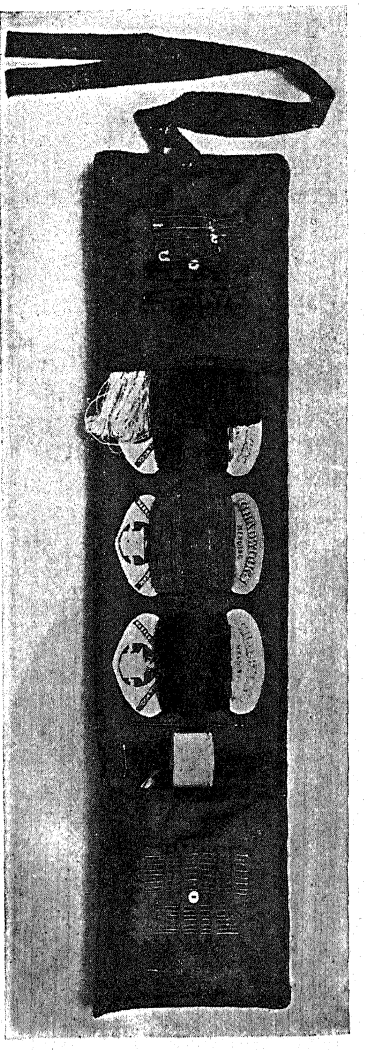
Baste the two strips together, bind both ends with braid, and turn them up to make 2 pockets, 6 inches deep. Sew up the sides and bind all around with braid.

Cut four 3 x 4 inch pieces of the lining material. Notch them all round and sew 2 pieces on the centre of each pocket, with a glove button in the centre.

On one end sew 40 inches of the braid to tie around the bag.

To fill the pockets:

2 skeins each of white linen thread, No. 18.
2 skeins each of black linen thread, No. 18.
1 small box of assorted pins.
4 x 5 inches of fine emery paper.
1 dozen each ordinary black and white metal buttons.
1 dozen white linen buttons. (Run the latter on a large safety pin and the metal ones on a piece of tape.)
A large sized thimble, size 2 is an ordinary size.
Nos. 3, 5, 6, needles; 1 package of each.



DITTY BAG, OR HOUSEWIFE

Stick one flap full of 2 dozen black and white safety pins, in 3 assorted sizes, from the largest size down.

Stick the other flap full of some of the needles, a long, strong bodkin and 1 dozen coarse and medium sized darning needles, 6 of each.

Between the two pockets tape down 3 cards of darning wool, grey, black and navy blue, and at one pocket run a spool of No. 30 sewing cotton on a sewn tape.

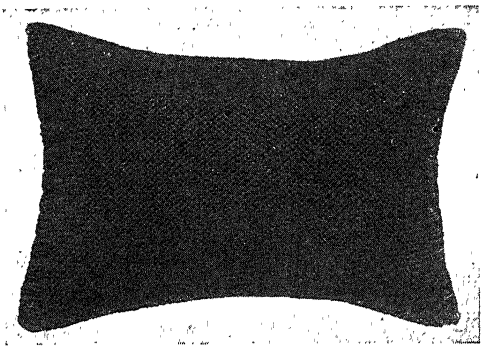
AIR PILLOW COVER

FOR A PILLOW MEASURING 10 X 14 INCHES

2 bone knitting needles, size 7, with tips at one end.

6 ounces of 4-ply double knitting wool in khaki colour, or navy blue.

Cast on 56 stitches. Knit in a rib of knit 2 stitches and purl 2 stitches for 6 rows.



AIR PILLOW COVER

Knit plain for 60 double rows, slipping the first stitch of every row.

Knit in the rib for 6 rows and cast off.

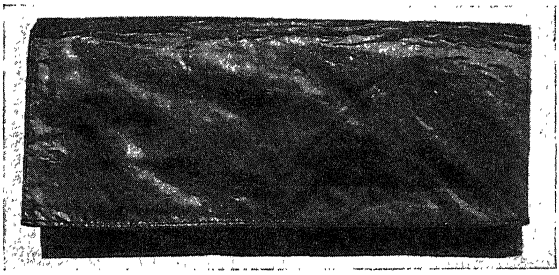
Make a second piece exactly like this, lay the two pieces together and sew up three sides, over-handing them together with wool. Put the air-pillow in

the case and sew up the fourth side, leaving out the air valve of the pillow.

For every inch, of a larger sized pillow, in the width, cast on 8 more stitches, and for every inch in the length, knit 5 more double rows in the plain part of the work.

OILSILK TOBACCO POUCH

Cut two strips of oilsilk measuring 9 x 18 inches, lay the pieces together and stitch them by machine close to the edge, across one end and up the two sides, leave the other end open and turn over a very



OILSILK TOBACCO POUCH

narrow one fold hem, stitching it down. Turn the pouch right side out.

This is the most practical, waterproof kind of pouch and keeps the tobacco in good condition.

OILSILK TOBACCO POUCH

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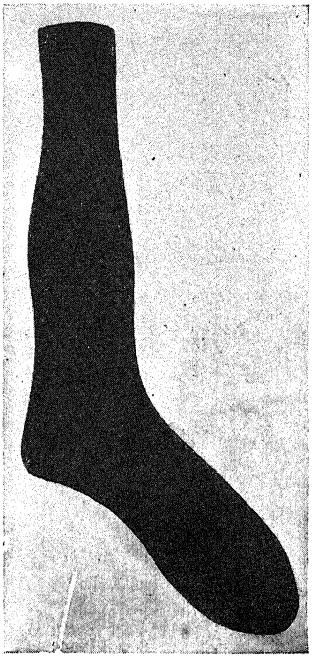
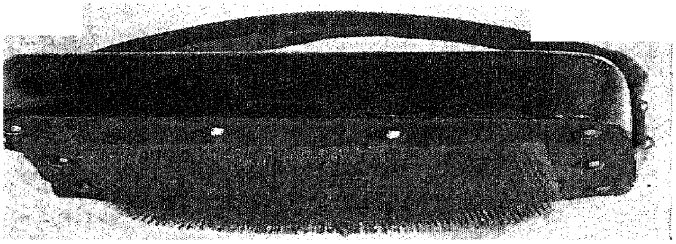
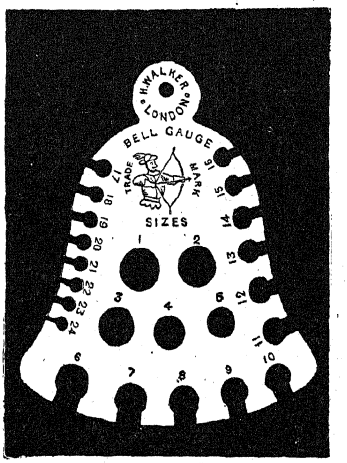


SOCK BLOCK





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